Code	Practice	Component	Units	Unit Cost
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year	No	$19,056.30
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year	No	$22,867.56
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year with two treatment sites	No	$27,286.34
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year with two treatment sites	No	$32,743.60
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1 - NO QAPP	No	$12,692.63
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1 - NO QAPP	No	$15,231.15
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1+ less QAPP (pre-install information) with two treatment sites	No	$21,880.04
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1+ less QAPP (pre-install information) with two treatment sites	No	$26,256.04
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP	No	$22,300.08
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP	No	$26,760.10
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP with two treatment Sites	No	$30,349.91
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP with two treatment Sites	No	$36,419.89
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year	No	$39,254.82
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year	No	$47,105.78
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year with two treatment sites	No	$55,420.59

Code	Practice	Component	Units	Unit Cost
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year with two treatment sites	No	$66,504.71
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 plus - NO QAPP	No	$35,650.62
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 plus - NO QAPP	No	$42,780.74
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1+ less QAPP (pre-install information) with two treatment sites	No	$50,014.29
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1+ less QAPP (pre-install information) with two treatment sites	No	$60,017.15
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1-QAPP	No	$42,498.60
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1-QAPP	No	$50,998.32
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Above And Below	No	$22,816.89
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Above And Below	No	$27,380.27
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Above And Below cold climate	No	$25,188.71
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Above And Below cold climate	No	$30,226.45
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 1	No	$2,015.08
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 1	No	$2,418.10
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 2	No	$5,865.97
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 2	No	$7,039.17
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 3	No	$7,180.39
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 3	No	$8,616.47
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above 2	No	$10,291.91
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above 2	No	$12,350.29
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above 3	No	$12,388.19
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above 3	No	$14,865.83
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above and Below 1	No	$2,766.31
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above and Below 1	No	$3,319.57
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Surface	No	$17,400.03

Code	Practice	Component	Units	Unit Cost
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Surface	No	$20,880.04
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Surface Cold Climate	No	$17,741.81
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Surface Cold Climate	No	$21,290.18
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Tile	No	$24,141.09
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Tile	No	$28,969.31
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Tile Cold Climate	No	$24,141.09
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Tile Cold Climate	No	$28,969.31
216	Soil Testing	Basic Soil Health Suite: TSP	No	$193.68
216	Soil Testing	HU-Basic Soil Health Suite: TSP	No	$232.42
309	Agrichemical Handling Facility	Concrete Pad For Mixing and Loading	SqFt	$9.25
309	Agrichemical Handling Facility	HU-Concrete Pad For Mixing and Loading	SqFt	$11.10
309	Agrichemical Handling Facility	Fabricated Liquid Storage with adjacent Concrete Handling Pad	SqFt	$9.59
309	Agrichemical Handling Facility	HU-Fabricated Liquid Storage with adjacent Concrete Handling Pad	SqFt	$11.51
309	Agrichemical Handling Facility	For Greenhouse, Pallet Drum Storage And Poly Pad For Handling	SqFt	$14.56
309	Agrichemical Handling Facility	HU-For Greenhouse, Pallet Drum Storage And Poly Pad For Handling	SqFt	$17.47
309	Agrichemical Handling Facility	Handling Pad without a building	SqFt	$10.86
309	Agrichemical Handling Facility	HU-Handling Pad without a building	SqFt	$13.03
309	Agrichemical Handling Facility	Outdoor Liquid Storage, Roofed Building and Pad	SqFt	$8.78
309	Agrichemical Handling Facility	HU-Outdoor Liquid Storage, Roofed Building and Pad	SqFt	$10.54
311	Alley Cropping	Tree Planting, Single Row	No	$26.52
311	Alley Cropping	HU-Tree Planting, Single Row	No	$31.83
313	Waste Storage Facility	Above Ground Concrete Tank	Cu-Ft	$0.82
313	Waste Storage Facility	HU-Above Ground Concrete Tank	Cu-Ft	$0.98
313	Waste Storage Facility	Pr_Above Ground Concrete Tank	Cu-Ft	$0.98
313	Waste Storage Facility	Above Ground Concrete Tank, Extra Reinforced Slab	Cu-Ft	$1.16
313	Waste Storage Facility	HU-Above Ground Concrete Tank, Extra Reinforced Slab	Cu-Ft	$1.39
313	Waste Storage Facility	Pr_Above Ground Concrete Tank, Extra Reinforced Slab	Cu-Ft	$1.39
313	Waste Storage Facility	Above Ground Concrete Tank, Foundation Improvement	Cu-Ft	$1.02
313	Waste Storage Facility	HU-Above Ground Concrete Tank, Foundation Improvement	Cu-Ft	$1.22

Code	Practice	Component	Units	Unit Cost
313	Waste Storage Facility	Pr_Above Ground Concrete Tank, Foundation Improvement	Cu-Ft	$1.22
313	Waste Storage Facility	Above Ground Concrete Tank, Preload Foundation	Cu-Ft	$0.90
313	Waste Storage Facility	HU-Above Ground Concrete Tank, Preload Foundation	Cu-Ft	$1.08
313	Waste Storage Facility	Pr_Above Ground Concrete Tank, Preload Foundation	Cu-Ft	$1.08
313	Waste Storage Facility	Above Ground Concrete Tank, Preload Foundation and Elevated Pad	Cu-Ft	$0.98
313	Waste Storage Facility	HU-Above Ground Concrete Tank, Preload Foundation and Elevated Pad	Cu-Ft	$1.18
313	Waste Storage Facility	Pr_Above Ground Concrete Tank, Preload Foundation and Elevated Pad	Cu-Ft	$1.18
313	Waste Storage Facility	Above Ground Steel, >25K ft3 storage	Cu-Ft	$1.99
313	Waste Storage Facility	HU-Above Ground Steel, >25K ft3 storage	Cu-Ft	$2.39
313	Waste Storage Facility	Pr_Above Ground Steel, >25K ft3 storage	Cu-Ft	$2.39
313	Waste Storage Facility	Above Ground Steel, >25K ft3 storage, Foundation Improvement	Cu-Ft	$2.21
313	Waste Storage Facility	HU-Above Ground Steel, >25K ft3 storage, Foundation Improvement	Cu-Ft	$2.65
313	Waste Storage Facility	Pr_Above Ground Steel, >25K ft3 storage, Foundation Improvement	Cu-Ft	$2.65
313	Waste Storage Facility	Above Ground Steel, < 25K ft3 storage	Cu-Ft	$5.04
313	Waste Storage Facility	HU-Above Ground Steel, < 25K ft3 storage	Cu-Ft	$6.05
313	Waste Storage Facility	Pr_Above Ground Steel, < 25K ft3 storage	Cu-Ft	$6.05
313	Waste Storage Facility	Buried concrete tank, Large, with Lid	Cu-Ft	$7.72
313	Waste Storage Facility	HU-Buried concrete tank, Large, with Lid	Cu-Ft	$9.26
313	Waste Storage Facility	Pr_Buried concrete tank, Large, with Lid	Cu-Ft	$9.26
313	Waste Storage Facility	Buried concrete tank, Large, without Lid	Cu-Ft	$3.76
313	Waste Storage Facility	HU-Buried concrete tank, Large, without Lid	Cu-Ft	$4.51
313	Waste Storage Facility	Pr_Buried concrete tank, Large, without Lid	Cu-Ft	$4.51
313	Waste Storage Facility	Buried concrete tank, Small, with Lid	Cu-Ft	$6.21
313	Waste Storage Facility	HU-Buried concrete tank, Small, with Lid	Cu-Ft	$7.45
313	Waste Storage Facility	Pr_Buried concrete tank, Small, with Lid	Cu-Ft	$7.45
313	Waste Storage Facility	Buried concrete tank, Small, without Lid	Cu-Ft	$4.97
313	Waste Storage Facility	HU-Buried concrete tank, Small, without Lid	Cu-Ft	$5.96
313	Waste Storage Facility	Pr_Buried concrete tank, Small, without Lid	Cu-Ft	$5.96
313	Waste Storage Facility	Composted Bedded Pack, Concrete floor, Concrete walls	SqFt	$10.71

Code	Practice	Component	Units	Unit Cost
313	Waste Storage Facility	HU-Composted Bedded Pack, Concrete floor, Concrete walls	SqFt	$12.85
313	Waste Storage Facility	Pr_Composted Bedded Pack, Concrete floor, Concrete walls	SqFt	$12.85
313	Waste Storage Facility	Drystack, Concrete floor, Concrete walls	Cu-Ft	$2.48
313	Waste Storage Facility	HU-Drystack, Concrete floor, Concrete walls	Cu-Ft	$2.97
313	Waste Storage Facility	Pr_Drystack, Concrete floor, Concrete walls	Cu-Ft	$2.97
313	Waste Storage Facility	Drystack, Concrete floor, No walls	SqFt	$5.74
313	Waste Storage Facility	HU-Drystack, Concrete floor, No walls	SqFt	$6.89
313	Waste Storage Facility	Pr_Drystack, Concrete floor, No walls	SqFt	$6.89
313	Waste Storage Facility	Drystack, Concrete floor, Precast concrete block walls	Cu-Ft	$3.01
313	Waste Storage Facility	HU-Drystack, Concrete floor, Precast concrete block walls	Cu-Ft	$3.62
313	Waste Storage Facility	Pr_Drystack, Concrete floor, Precast concrete block walls	Cu-Ft	$3.62
313	Waste Storage Facility	Drystack, Concrete floor, Precast concrete block walls, in remote location	Cu-Ft	$3.27
313	Waste Storage Facility	HU-Drystack, Concrete floor, Precast concrete block walls, in remote location	Cu-Ft	$3.92
313	Waste Storage Facility	Pr_Drystack, Concrete floor, Precast concrete block walls, in remote location	Cu-Ft	$3.92
313	Waste Storage Facility	Drystack, Concrete floor, Wood walls	Cu-Ft	$2.02
313	Waste Storage Facility	HU-Drystack, Concrete floor, Wood walls	Cu-Ft	$2.80
313	Waste Storage Facility	Pr_Drystack, Concrete floor, Wood walls	Cu-Ft	$2.80
313	Waste Storage Facility	Earthen Facility, < 50K ft3 Storage	Cu-Ft	$0.17
313	Waste Storage Facility	HU-Earthen Facility, < 50K ft3 Storage	Cu-Ft	$0.24
313	Waste Storage Facility	Pr_Earthen Facility, < 50K ft3 Storage	Cu-Ft	$0.27
313	Waste Storage Facility	Earthen Facility, < 50K ft3 Storage, Imported Fill	Cu-Ft	$0.75
313	Waste Storage Facility	HU-Earthen Facility, < 50K ft3 Storage, Imported Fill	Cu-Ft	$1.09
313	Waste Storage Facility	Pr_Earthen Facility, < 50K ft3 Storage, Imported Fill	Cu-Ft	$1.22
313	Waste Storage Facility	Earthen Facility, > 50K ft3 Storage	Cu-Ft	$0.08
313	Waste Storage Facility	HU-Earthen Facility, > 50K ft3 Storage	Cu-Ft	$0.12
313	Waste Storage Facility	Pr_Earthen Facility, > 50K ft3 Storage	Cu-Ft	$0.14
313	Waste Storage Facility	Earthen Facility, >50K ft3 Storage, Imported Fill	Cu-Ft	$0.33
313	Waste Storage Facility	HU-Earthen Facility, >50K ft3 Storage, Imported Fill	Cu-Ft	$0.47
313	Waste Storage Facility	Pr_Earthen Facility, >50K ft3 Storage, Imported Fill	Cu-Ft	$0.53

Code	Practice	Component	Units	Unit Cost
314	Brush Management	Chemical, Spot Treatment	Ac	$170.58
314	Brush Management	HU-Chemical, Spot Treatment	Ac	$204.70
314	Brush Management	Hand - Difficult or Adverse	Ac	$619.49
314	Brush Management	HU-Hand - Difficult or Adverse	Ac	$743.39
314	Brush Management	Hand Tools, Light	Ac	$33.56
314	Brush Management	HU-Hand Tools, Light	Ac	$40.27
314	Brush Management	Hand Tools, Medium	Ac	$142.52
314	Brush Management	HU-Hand Tools, Medium	Ac	$171.02
314	Brush Management	High Cost Chemical	Ac	$48.11
314	Brush Management	HU-High Cost Chemical	Ac	$57.73
314	Brush Management	Invasive Conifer Tree Girdling	No	$9.61
314	Brush Management	HU-Invasive Conifer Tree Girdling	No	$11.53
314	Brush Management	Mechanical, Large Woody, Heavy Infestation	Ac	$388.38
314	Brush Management	HU-Mechanical, Large Woody, Heavy Infestation	Ac	$466.06
314	Brush Management	Mechanical, Large Woody, Medium Infestation	Ac	$310.85
314	Brush Management	HU-Mechanical, Large Woody, Medium Infestation	Ac	$373.02
314	Brush Management	Mechanical, Small Woody, Heavy Infestation	Ac	$183.02
314	Brush Management	HU-Mechanical, Small Woody, Heavy Infestation	Ac	$219.62
314	Brush Management	Mechanical, Small Woody, Medium Infestation	Ac	$94.99
314	Brush Management	HU-Mechanical, Small Woody, Medium Infestation	Ac	$113.99
314	Brush Management	Multiple treatment Complex	Ac	$742.43
314	Brush Management	HU-Multiple treatment Complex	Ac	$890.92
314	Brush Management	Three Treatments	Ac	$153.33
314	Brush Management	HU-Three Treatments	Ac	$183.99
314	Brush Management	Two Treatments	Ac	$98.61
314	Brush Management	HU-Two Treatments	Ac	$118.33
315	Herbaceous Weed Treatment	Biological Control - Insects	Ac	$84.31
315	Herbaceous Weed Treatment	HU-Biological Control - Insects	Ac	$101.17
315	Herbaceous Weed Treatment	Chemical, Spot Treatment	Ac	$157.63

Code	Practice	Component	Units	Unit Cost
315	Herbaceous Weed Treatment	HU-Chemical, Spot Treatment	Ac	$189.16
315	Herbaceous Weed Treatment	Competing Vegetation Control	Ac	$903.07
315	Herbaceous Weed Treatment	HU-Competing Vegetation Control	Ac	$1,083.69
315	Herbaceous Weed Treatment	Complex, Chemical Control	Ac	$780.26
315	Herbaceous Weed Treatment	HU-Complex, Chemical Control	Ac	$936.32
315	Herbaceous Weed Treatment	Hand Tools	Ac	$255.85
315	Herbaceous Weed Treatment	HU-Hand Tools	Ac	$307.02
315	Herbaceous Weed Treatment	High Cost Chemical	Ac	$38.72
315	Herbaceous Weed Treatment	HU-High Cost Chemical	Ac	$46.46
315	Herbaceous Weed Treatment	Mechanical	Ac	$39.14
315	Herbaceous Weed Treatment	HU-Mechanical	Ac	$63.61
315	Herbaceous Weed Treatment	Three Treatments	Ac	$155.09
315	Herbaceous Weed Treatment	HU-Three Treatments	Ac	$186.11
315	Herbaceous Weed Treatment	Two Treatments	Ac	$115.82
315	Herbaceous Weed Treatment	HU-Two Treatments	Ac	$138.99
316	Animal Mortality Facility	Incineration greater than 100 CF Chamber	Cu-Ft	$84.43
316	Animal Mortality Facility	HU-Incineration greater than 100 CF Chamber	Cu-Ft	$101.31
316	Animal Mortality Facility	Static pile, Concrete Bin(s)	Cu-Ft	$2.84
316	Animal Mortality Facility	HU-Static pile, Concrete Bin(s)	Cu-Ft	$4.02
316	Animal Mortality Facility	Static pile, Concrete Pad	SqFt	$4.92
316	Animal Mortality Facility	HU-Static pile, Concrete Pad	SqFt	$6.97
316	Animal Mortality Facility	Static pile, Precast Block	Cu-Ft	$3.34
316	Animal Mortality Facility	HU-Static pile, Precast Block	Cu-Ft	$4.85
316	Animal Mortality Facility	Static pile, Precast Block, Remote location	Cu-Ft	$5.13
316	Animal Mortality Facility	HU-Static pile, Precast Block, Remote location	Cu-Ft	$6.15
316	Animal Mortality Facility	Static pile, Wood Bin(s)	Cu-Ft	$2.55
316	Animal Mortality Facility	HU-Static pile, Wood Bin(s)	Cu-Ft	$3.82
317	Composting Facility	Compost Pad, concrete floor and precast concrete block walls	Cu-Ft	$3.33
317	Composting Facility	HU-Compost Pad, concrete floor and precast concrete block walls	Cu-Ft	$4.85

Code	Practice	Component	Units	Unit Cost
317	Composting Facility	Compost Pad, concrete floor and precast concrete block walls, Remote location	Cu-Ft	$3.42
317	Composting Facility	HU-Compost Pad, concrete floor and precast concrete block walls, Remote location	Cu-Ft	$5.13
317	Composting Facility	Compost Pad, Concrete floor, No walls	SqFt	$4.78
317	Composting Facility	HU-Compost Pad, Concrete floor, No walls	SqFt	$6.95
317	Composting Facility	Compost Pad, Concrete floor, Wood walls	Cu-Ft	$2.49
317	Composting Facility	HU-Compost Pad, Concrete floor, Wood walls	Cu-Ft	$3.62
317	Composting Facility	Compost Pad, large, concrete floor and concrete walls	Cu-Ft	$2.82
317	Composting Facility	HU-Compost Pad, large, concrete floor and concrete walls	Cu-Ft	$3.99
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$920.31
319	On-Farm Secondary Containment Facility	HU-Concrete Containment Wall	CuYd	$1,104.38
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	SqFt	$16.05
319	On-Farm Secondary Containment Facility	HU-Corrugated Metal Wall Containment	SqFt	$19.25
319	On-Farm Secondary Containment Facility	Double Wall Tank	Gal	$1.61
319	On-Farm Secondary Containment Facility	HU-Double Wall Tank	Gal	$1.94
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	$101.86
319	On-Farm Secondary Containment Facility	HU-Earthen Containment	CuYd	$122.23
319	On-Farm Secondary Containment Facility	Modular Block Containment Wall	SqFt	$24.32
319	On-Farm Secondary Containment Facility	HU-Modular Block Containment Wall	SqFt	$29.19
320	Irrigation Canal or Lateral	Irrigation Canal	CuYd	$1.88
320	Irrigation Canal or Lateral	HU-Irrigation Canal	CuYd	$2.25
324	Deep Tillage	Deep Tillage less than 20 inches	Ac	$18.05
324	Deep Tillage	HU-Deep Tillage less than 20 inches	Ac	$21.66
324	Deep Tillage	Deep Tillage more than 20 inches	Ac	$44.94
324	Deep Tillage	HU-Deep Tillage more than 20 inches	Ac	$53.93
325	High Tunnel System	Contiguous US	SqFt	$2.95
325	High Tunnel System	HU-Contiguous US	SqFt	$3.54
326	Clearing and Snagging	Boulder and Concrete Structure Removal	Ft	$44.47
326	Clearing and Snagging	HU-Boulder and Concrete Structure Removal	Ft	$53.37
326	Clearing and Snagging	Debris Plug Removal	Ft	$16.35

Code	Practice	Component	Units	Unit Cost
326	Clearing and Snagging	HU-Debris Plug Removal	Ft	$19.62
326	Clearing and Snagging	Fence Removal and Disposal	Ft	$2.93
326	Clearing and Snagging	HU-Fence Removal and Disposal	Ft	$3.52
326	Clearing and Snagging	Instream Structure Removal	CuYd	$15.28
326	Clearing and Snagging	HU-Instream Structure Removal	CuYd	$18.33
326	Clearing and Snagging	Rock Removal	Ft	$20.92
326	Clearing and Snagging	HU-Rock Removal	Ft	$25.11
326	Clearing and Snagging	Rock Removal, Offsite Disposal	Ft	$32.71
326	Clearing and Snagging	HU-Rock Removal, Offsite Disposal	Ft	$39.25
327	Conservation Cover	Introduced Species	Ac	$117.17
327	Conservation Cover	HU-Introduced Species	Ac	$140.60
327	Conservation Cover	Introduced with Forgone Income	Ac	$227.19
327	Conservation Cover	HU-Introduced with Forgone Income	Ac	$246.61
327	Conservation Cover	Monarch Species Mix	Ac	$700.45
327	Conservation Cover	HU-Monarch Species Mix	Ac	$840.54
327	Conservation Cover	Monarch Species Mix with Forgone Income	Ac	$697.39
327	Conservation Cover	HU-Monarch Species Mix with Forgone Income	Ac	$779.81
327	Conservation Cover	Native Species	Ac	$151.53
327	Conservation Cover	HU-Native Species	Ac	$181.84
327	Conservation Cover	Native Species with Forgone Income	Ac	$281.61
327	Conservation Cover	HU-Native Species with Forgone Income	Ac	$311.92
327	Conservation Cover	Orchard or Vineyard Alleyways	Ac	$81.76
327	Conservation Cover	HU-Orchard or Vineyard Alleyways	Ac	$98.12
327	Conservation Cover	Pollinator Species	Ac	$562.81
327	Conservation Cover	HU-Pollinator Species	Ac	$675.38
327	Conservation Cover	Pollinator Species with Forgone Income	Ac	$542.20
327	Conservation Cover	HU-Pollinator Species with Forgone Income	Ac	$624.62
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	$10.78
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	Ac	$12.94

Code	Practice	Component	Units	Unit Cost
328	Conservation Crop Rotation	Wp_Basic Rotation Organic and Non-Organic	Ac	$12.94
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	$28.76
328	Conservation Crop Rotation	HU-Specialty Crops Organic and Non-Organic	Ac	$34.51
328	Conservation Crop Rotation	Wp_Specialty Crops Organic and Non-Organic	Ac	$34.51
328	Conservation Crop Rotation	Specialty Crops, Small Farm	No	$934.64
328	Conservation Crop Rotation	HU-Specialty Crops, Small Farm	No	$1,121.56
328	Conservation Crop Rotation	Wp_Specialty Crops, Small Farm	No	$1,121.56
329	Residue and Tillage Management, No Till	No Till Adaptive Management	No	$2,899.84
329	Residue and Tillage Management, No Till	HU-No Till Adaptive Management	No	$3,479.81
329	Residue and Tillage Management, No Till	Pr_No Till Adaptive Management	No	$3,479.81
329	Residue and Tillage Management, No Till	No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$25.82
329	Residue and Tillage Management, No Till	HU-No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$30.98
329	Residue and Tillage Management, No Till	Pr_No-Till/Strip-Till with Herbicide and No Cover Crop	Ac	$30.98
330	Contour Farming	Contour Farming	Ac	$7.64
330	Contour Farming	HU-Contour Farming	Ac	$9.17
331	Contour Orchard and Other Perennial Crops	Contour Orchards/Vineyards	Ac	$22.93
331	Contour Orchard and Other Perennial Crops	HU-Contour Orchards/Vineyards	Ac	$27.52
332	Contour Buffer Strips	Introduced Species, Forgone Income (Organic and Non-Organic)	Ac	$210.05
332	Contour Buffer Strips	HU-Introduced Species, Forgone Income (Organic and Non-Organic)	Ac	$227.77
332	Contour Buffer Strips	Native Species, Foregone Income (Organic and Non-organic)	Ac	$231.64
332	Contour Buffer Strips	HU-Native Species, Foregone Income (Organic and Non-organic)	Ac	$253.68
332	Contour Buffer Strips	Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)	Ac	$231.64
332	Contour Buffer Strips	HU-Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)	Ac	$253.68
333	Amending Soil Properties with Gypsum Products	Gypsum greater than 1 ton rate	Ac	$42.63
333	Amending Soil Properties with Gypsum Products	HU-Gypsum greater than 1 ton rate	Ac	$51.16
333	Amending Soil Properties with Gypsum Products	Gypsum less than 1 ton per acre	Ac	$24.74
333	Amending Soil Properties with Gypsum Products	HU-Gypsum less than 1 ton per acre	Ac	$29.69
334	Controlled Traffic Farming	Controlled Traffic	Ac	$49.36
334	Controlled Traffic Farming	HU-Controlled Traffic	Ac	$59.23

Code	Practice	Component	Units	Unit Cost
340	Cover Crop	Cover Crop - 1 acre or less	Ac	$251.06
340	Cover Crop	HU-Cover Crop - 1 acre or less	Ac	$301.28
340	Cover Crop	Pr_Cover Crop - 1 acre or less	Ac	$301.28
340	Cover Crop	Wp_Cover Crop - 1 acre or less	Ac	$301.28
340	Cover Crop	Cover Crop - Adaptive Management	No	$2,169.39
340	Cover Crop	HU-Cover Crop - Adaptive Management	No	$2,603.26
340	Cover Crop	Pr_Cover Crop - Adaptive Management	No	$2,603.26
340	Cover Crop	Wp_Cover Crop - Adaptive Management	No	$2,603.26
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	$51.12
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	Ac	$61.35
340	Cover Crop	Pr_Cover Crop - Basic (Organic and Non-organic)	Ac	$61.35
340	Cover Crop	Wp_Cover Crop - Basic (Organic and Non-organic)	Ac	$61.35
340	Cover Crop	Cover Crop - Basic Organic	Ac	$81.86
340	Cover Crop	HU-Cover Crop - Basic Organic	Ac	$98.23
340	Cover Crop	Pr_Cover Crop - Basic Organic	Ac	$98.23
340	Cover Crop	Wp_Cover Crop - Basic Organic	Ac	$98.23
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$62.65
340	Cover Crop	HU-Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$75.18
340	Cover Crop	Pr_Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$75.18
340	Cover Crop	Wp_Cover Crop - Multiple Species (Organic and Non-organic)	Ac	$75.18
342	Critical Area Planting	Hydroseed	Ac	$683.35
342	Critical Area Planting	HU-Hydroseed	Ac	$820.02
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$770.85
342	Critical Area Planting	HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$925.02
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$476.57
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$571.88
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$212.20
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$254.63
345	Residue and Tillage Management, Reduced Till	Mulch till-Adaptive Management	No	$3,356.62

Code	Practice	Component	Units	Unit Cost
345	Residue and Tillage Management, Reduced Till	HU-Mulch till-Adaptive Management	No	$4,027.95
345	Residue and Tillage Management, Reduced Till	Wp_Mulch till-Adaptive Management	No	$4,027.95
345	Residue and Tillage Management, Reduced Till	Reduced Field Operations	Ac	$30.74
345	Residue and Tillage Management, Reduced Till	HU-Reduced Field Operations	Ac	$36.89
345	Residue and Tillage Management, Reduced Till	Wp_Reduced Field Operations	Ac	$36.89
348	Dam, Diversion	Earth Fill	CuYd	$5.98
348	Dam, Diversion	HU-Earth Fill	CuYd	$7.18
348	Dam, Diversion	Rock/Gravel Fill	CuYd	$72.96
348	Dam, Diversion	HU-Rock/Gravel Fill	CuYd	$87.56
348	Dam, Diversion	Sheet Pile Structure	SqFt	$44.82
348	Dam, Diversion	HU-Sheet Pile Structure	SqFt	$53.79
350	Sediment Basin	Embankment earthen basin with no pipe	CuYd	$3.13
350	Sediment Basin	HU-Embankment earthen basin with no pipe	CuYd	$3.76
350	Sediment Basin	Embankment earthen basin with pipe	CuYd	$5.52
350	Sediment Basin	HU-Embankment earthen basin with pipe	CuYd	$6.63
350	Sediment Basin	Excavated basin	CuYd	$3.03
350	Sediment Basin	HU-Excavated basin	CuYd	$3.63
351	Well Decommissioning	Drilled Well, >300ft deep	Ft	$14.11
351	Well Decommissioning	HU-Drilled Well, >300ft deep	Ft	$16.93
351	Well Decommissioning	Wp_Drilled Well, >300ft deep	Ft	$16.93
351	Well Decommissioning	Drilled Well, 300ft deep or less	Ft	$27.64
351	Well Decommissioning	HU-Drilled Well, 300ft deep or less	Ft	$33.17
351	Well Decommissioning	Wp_Drilled Well, 300ft deep or less	Ft	$33.17
351	Well Decommissioning	Shallow Well, >20ft deep	CuYd	$504.75
351	Well Decommissioning	HU-Shallow Well, >20ft deep	CuYd	$605.70
351	Well Decommissioning	Wp_Shallow Well, >20ft deep	CuYd	$605.70
351	Well Decommissioning	Shallow Well, 20ft deep or less	CuYd	$438.85
351	Well Decommissioning	HU-Shallow Well, 20ft deep or less	CuYd	$526.62
351	Well Decommissioning	Wp_Shallow Well, 20ft deep or less	CuYd	$526.62

Code	Practice	Component	Units	Unit Cost
353	Monitoring Well	Borehole, 200 Ft. Depth or Less	Ft	$85.85
353	Monitoring Well	HU-Borehole, 200 Ft. Depth or Less	Ft	$103.02
353	Monitoring Well	Borehole, Greater Than 200 Ft. Depth	Ft	$89.41
353	Monitoring Well	HU-Borehole, Greater Than 200 Ft. Depth	Ft	$107.29
356	Dike	Class IV A and B, Wetland	CuYd	$4.15
356	Dike	HU-Class IV A and B, Wetland	CuYd	$4.98
356	Dike	Class IV A and B, Wetland, Protected	CuYd	$5.62
356	Dike	HU-Class IV A and B, Wetland, Protected	CuYd	$6.74
356	Dike	Material haul, <= 1 mile	CuYd	$6.10
356	Dike	HU-Material haul, <= 1 mile	CuYd	$7.33
356	Dike	Material haul, > 1 mile	CuYd	$6.57
356	Dike	HU-Material haul, > 1 mile	CuYd	$7.88
360	Waste Facility Closure	Demolition of Concrete Waste Storage Structure	Cu-Ft	$2.01
360	Waste Facility Closure	HU-Demolition of Concrete Waste Storage Structure	Cu-Ft	$2.41
360	Waste Facility Closure	Feedlot Closure	Cu-Ft	$0.23
360	Waste Facility Closure	HU-Feedlot Closure	Cu-Ft	$0.28
360	Waste Facility Closure	Liquid Waste Impoundment Conversion to Fresh Water Storage	Cu-Ft	$0.15
360	Waste Facility Closure	HU-Liquid Waste Impoundment Conversion to Fresh Water Storage	Cu-Ft	$0.17
360	Waste Facility Closure	Poultry House Soil Remediation	Cu-Ft	$0.70
360	Waste Facility Closure	HU-Poultry House Soil Remediation	Cu-Ft	$0.84
360	Waste Facility Closure	Waste Storage Pond Decommissioning	Cu-Ft	$0.18
360	Waste Facility Closure	HU-Waste Storage Pond Decommissioning	Cu-Ft	$0.21
360	Waste Facility Closure	Waste Storage Pond Decommissioning, Imported fill	Cu-Ft	$0.29
360	Waste Facility Closure	HU-Waste Storage Pond Decommissioning, Imported fill	Cu-Ft	$0.35
362	Diversion	Large, > 2 CY per LF	CuYd	$11.26
362	Diversion	HU-Large, > 2 CY per LF	CuYd	$16.89
362	Diversion	Medium-Large, >1 - 2 CY per LF	CuYd	$6.80
362	Diversion	HU-Medium-Large, >1 - 2 CY per LF	CuYd	$10.20
362	Diversion	Medium-Small, >0.5 -1 CY per LF	Ft	$3.09

Code	Practice	Component	Units	Unit Cost
362	Diversion	HU-Medium-Small, >0.5 -1 CY per LF	Ft	$4.63
362	Diversion	Small, less than or equal to 0.5 CY per LF	Ft	$1.70
362	Diversion	HU-Small, less than or equal to 0.5 CY per LF	Ft	$2.55
367	Roofs and Covers	Flexible Membrane Cover	SqFt	$0.91
367	Roofs and Covers	HU-Flexible Membrane Cover	SqFt	$1.09
367	Roofs and Covers	Flexible Membrane Cover with Methane Collection System	SqFt	$3.26
367	Roofs and Covers	HU-Flexible Membrane Cover with Methane Collection System	SqFt	$3.91
367	Roofs and Covers	Flexible Roof	SqFt	$6.13
367	Roofs and Covers	HU-Flexible Roof	SqFt	$7.36
367	Roofs and Covers	Monosloped Timber Roof	SqFt	$16.60
367	Roofs and Covers	HU-Monosloped Timber Roof	SqFt	$19.92
367	Roofs and Covers	Roof Structure, <30ft Width	SqFt	$9.00
367	Roofs and Covers	HU-Roof Structure, <30ft Width	SqFt	$10.80
367	Roofs and Covers	Roof Structure, <30ft Width with siding	SqFt	$11.93
367	Roofs and Covers	HU-Roof Structure, <30ft Width with siding	SqFt	$14.31
367	Roofs and Covers	Roof Structure, >60ft Width	SqFt	$8.31
367	Roofs and Covers	HU-Roof Structure, >60ft Width	SqFt	$9.98
367	Roofs and Covers	Roof Structure, >60ft Width with siding	SqFt	$9.05
367	Roofs and Covers	HU-Roof Structure, >60ft Width with siding	SqFt	$10.86
367	Roofs and Covers	Roof Structure, 30-60ft Width	SqFt	$8.94
367	Roofs and Covers	HU-Roof Structure, 30-60ft Width	SqFt	$10.73
367	Roofs and Covers	Roof Structure, 30-60ft Width with siding	SqFt	$10.41
367	Roofs and Covers	HU-Roof Structure, 30-60ft Width with siding	SqFt	$12.49
368	Emergency Animal Mortality Management	Burial	AU	$75.16
368	Emergency Animal Mortality Management	HU-Burial	AU	$90.19
368	Emergency Animal Mortality Management	Burial of Cattle or Horses	No	$310.93
368	Emergency Animal Mortality Management	HU-Burial of Cattle or Horses	No	$373.12
368	Emergency Animal Mortality Management	Burial of Goat or Sheep	No	$105.96
368	Emergency Animal Mortality Management	HU-Burial of Goat or Sheep	No	$127.15

Code	Practice	Component	Units	Unit Cost
368	Emergency Animal Mortality Management	Burial of Swine	No	$133.03
368	Emergency Animal Mortality Management	HU-Burial of Swine	No	$159.64
368	Emergency Animal Mortality Management	Cattle or Horse Disposal Other Than Burial	No	$329.34
368	Emergency Animal Mortality Management	HU-Cattle or Horse Disposal Other Than Burial	No	$395.21
368	Emergency Animal Mortality Management	Disposal At Landfill or Render	Lb	$0.07
368	Emergency Animal Mortality Management	HU-Disposal At Landfill or Render	Lb	$0.09
368	Emergency Animal Mortality Management	Disposal of Goats or Sheep Other Than Burial	No	$98.04
368	Emergency Animal Mortality Management	HU-Disposal of Goats or Sheep Other Than Burial	No	$117.65
368	Emergency Animal Mortality Management	Forced Air Incineration	AU	$218.32
368	Emergency Animal Mortality Management	HU-Forced Air Incineration	AU	$261.99
368	Emergency Animal Mortality Management	In-House Composting	AU	$77.76
368	Emergency Animal Mortality Management	HU-In-House Composting	AU	$93.32
368	Emergency Animal Mortality Management	Outside Windrow Composting	AU	$579.95
368	Emergency Animal Mortality Management	HU-Outside Windrow Composting	AU	$695.94
368	Emergency Animal Mortality Management	Swine Disposal Other Than Burial	No	$127.03
368	Emergency Animal Mortality Management	HU-Swine Disposal Other Than Burial	No	$152.44
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, < 12 HP	No	$930.06
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, < 12 HP	No	$1,116.07
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, >= 500 HP	No	$40,021.75
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, >= 500 HP	No	$48,026.10
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 125-174 HP	No	$9,588.47
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 125-174 HP	No	$11,506.16
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 12-69 HP	No	$3,328.82
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 12-69 HP	No	$3,994.59
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 175-224 HP	No	$12,577.31
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 175-224 HP	No	$15,092.77
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 225-274 HP	No	$15,004.12
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 225-274 HP	No	$18,004.95
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 275-399 HP	No	$20,114.20

Code	Practice	Component	Units	Unit Cost
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 275-399 HP	No	$24,137.03
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 400-499 HP	No	$24,808.92
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 400-499 HP	No	$29,770.70
372	Combustion System Improvement	Electric Motor in-lieu of IC Engine, 70-124 HP	No	$6,865.90
372	Combustion System Improvement	HU-Electric Motor in-lieu of IC Engine, 70-124 HP	No	$8,239.08
372	Combustion System Improvement	IC Engine Repower, >25 bhp	BHP	$109.01
372	Combustion System Improvement	HU-IC Engine Repower, >25 bhp	BHP	$130.81
372	Combustion System Improvement	Smudge Pot Replacement	Ac	$3,558.99
372	Combustion System Improvement	HU-Smudge Pot Replacement	Ac	$4,270.79
373	Dust Control on Unpaved Roads and Surfaces	Clay Additive Application, Once per Year	SqFt	$1.58
373	Dust Control on Unpaved Roads and Surfaces	HU-Clay Additive Application, Once per Year	SqFt	$1.89
373	Dust Control on Unpaved Roads and Surfaces	Hygroscopic Salt Application, Once per Year	SqFt	$0.10
373	Dust Control on Unpaved Roads and Surfaces	HU-Hygroscopic Salt Application, Once per Year	SqFt	$0.12
373	Dust Control on Unpaved Roads and Surfaces	Lignosulfonate Application, Once per Year	SqFt	$0.14
373	Dust Control on Unpaved Roads and Surfaces	HU-Lignosulfonate Application, Once per Year	SqFt	$0.17
373	Dust Control on Unpaved Roads and Surfaces	Petroleum Emulsion Application, Once per Year	SqFt	$0.11
373	Dust Control on Unpaved Roads and Surfaces	HU-Petroleum Emulsion Application, Once per Year	SqFt	$0.13
373	Dust Control on Unpaved Roads and Surfaces	Petroleum-Based Road Oil Application, Once per Year	SqFt	$0.18
373	Dust Control on Unpaved Roads and Surfaces	HU-Petroleum-Based Road Oil Application, Once per Year	SqFt	$0.22
373	Dust Control on Unpaved Roads and Surfaces	Polymer Emulsion Application, Once per Year	SqFt	$0.27
373	Dust Control on Unpaved Roads and Surfaces	HU-Polymer Emulsion Application, Once per Year	SqFt	$0.33
373	Dust Control on Unpaved Roads and Surfaces	Water Application, Once per Day	SqFt	$0.12
373	Dust Control on Unpaved Roads and Surfaces	HU-Water Application, Once per Day	SqFt	$0.14
373	Dust Control on Unpaved Roads and Surfaces	Water Application, Once per Week	SqFt	$0.09
373	Dust Control on Unpaved Roads and Surfaces	HU-Water Application, Once per Week	SqFt	$0.11
373	Dust Control on Unpaved Roads and Surfaces	Water Application, Twice per Day	SqFt	$0.16
373	Dust Control on Unpaved Roads and Surfaces	HU-Water Application, Twice per Day	SqFt	$0.19
374	Farmstead Energy Improvement	Alley Scraper	No	$24,013.40
374	Farmstead Energy Improvement	HU-Alley Scraper	No	$28,816.08

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	Automatic Controller System	No	$1,521.76
374	Farmstead Energy Improvement	HU-Automatic Controller System	No	$1,826.11
374	Farmstead Energy Improvement	Compressor heat recovery	No	$3,494.87
374	Farmstead Energy Improvement	HU-Compressor heat recovery	No	$4,193.84
374	Farmstead Energy Improvement	Condenser	HP	$586.76
374	Farmstead Energy Improvement	HU-Condenser	HP	$704.11
374	Farmstead Energy Improvement	Heating - Radiant Systems	No	$1,170.68
374	Farmstead Energy Improvement	HU-Heating - Radiant Systems	No	$1,404.82
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$13.02
374	Farmstead Energy Improvement	HU-Heating (Building)	kBTU/Hr	$15.63
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	No	$590.16
374	Farmstead Energy Improvement	HU-Motor Upgrade > 1 and < 10 HP	No	$708.20
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	No	$11,778.47
374	Farmstead Energy Improvement	HU-Motor Upgrade > 100 HP	No	$14,134.16
374	Farmstead Energy Improvement	Motor Upgrade 10 - 100 HP	No	$3,195.68
374	Farmstead Energy Improvement	HU-Motor Upgrade 10 - 100 HP	No	$3,834.82
374	Farmstead Energy Improvement	Plate Cooler	No	$7,438.55
374	Farmstead Energy Improvement	HU-Plate Cooler	No	$13,637.34
374	Farmstead Energy Improvement	Scroll Compressor	HP	$439.86
374	Farmstead Energy Improvement	HU-Scroll Compressor	HP	$527.83
374	Farmstead Energy Improvement	Variable Speed Drive > 5 HP	HP	$83.29
374	Farmstead Energy Improvement	HU-Variable Speed Drive > 5 HP	HP	$99.95
374	Farmstead Energy Improvement	Ventilation - Exhaust	No	$1,203.45
374	Farmstead Energy Improvement	HU-Ventilation - Exhaust	No	$1,444.14
374	Farmstead Energy Improvement	Ventilation - HAF	No	$192.64
374	Farmstead Energy Improvement	HU-Ventilation - HAF	No	$231.17
374	Farmstead Energy Improvement	Washer-extractor	No	$6,627.05
374	Farmstead Energy Improvement	HU-Washer-extractor	No	$7,952.46
374	Farmstead Energy Improvement	Water heater	No	$266.34

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	HU-Water heater	No	$319.61
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-1 per Year and Solid-Set Sprinkler System Labor	Ac	$424.14
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-1 per Year and Solid-Set Sprinkler System Labor	Ac	$508.96
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-1 per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$5,604.54
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-1 per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$6,725.45
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-1 per Year and Truck-Mounted Mobile Sprinkler System	Ac	$1,898.48
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-1 per Year and Truck-Mounted Mobile Sprinkler System	Ac	$2,278.18
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-2 per Year and Solid-Set Sprinkler System Labor	Ac	$786.44
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-2 per Year and Solid-Set Sprinkler System Labor	Ac	$943.72
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-2 per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$5,966.84
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-2 per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$7,160.21
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-2 per Year and Truck-Mounted Mobile Sprinkler System	Ac	$2,260.79
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-2 per Year and Truck-Mounted Mobile Sprinkler System	Ac	$2,712.94
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvesting - More Than Twice per Year	Ac	$1,449.21
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvesting - More Than Twice per Year	Ac	$1,739.05
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvesting - Once per Year	Ac	$362.30
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvesting - Once per Year	Ac	$434.76
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvesting - Twice per Year	Ac	$724.60
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvesting - Twice per Year	Ac	$869.52
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-More Than Twice per Year and Solid-Set Sprinkler System Labor	Ac	$1,511.04
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-More Than Twice per Year and Solid-Set Sprinkler System Labor	Ac	$1,813.25
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-More Than Twice per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$6,691.45
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-More Than Twice per Year and Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$8,029.73
375	Dust Control from Animal Activity on Open Lot Surfaces	Manure Harvest-More Than Twice per Year and Truck-Mounted Mobile Sprinkler System	Ac	$2,985.39
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Manure Harvest-More Than Twice per Year and Truck-Mounted Mobile Sprinkler System	Ac	$3,582.47
375	Dust Control from Animal Activity on Open Lot Surfaces	Solid-Set Sprinkler System Labor	Ac	$61.83
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Solid-Set Sprinkler System Labor	Ac	$74.20
375	Dust Control from Animal Activity on Open Lot Surfaces	Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$5,242.24

Code	Practice	Component	Units	Unit Cost
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Solid-Set Sprinkler System, Greater than 60 Acres	Ac	$6,290.69
375	Dust Control from Animal Activity on Open Lot Surfaces	Truck-Mounted Mobile Sprinkler System	Ac	$1,536.18
375	Dust Control from Animal Activity on Open Lot Surfaces	HU-Truck-Mounted Mobile Sprinkler System	Ac	$1,843.42
376	Field Operations Emissions Reduction	Air Curtain Burner (ACB)	Ac	$114.69
376	Field Operations Emissions Reduction	HU-Air Curtain Burner (ACB)	Ac	$137.62
376	Field Operations Emissions Reduction	Chipping and field removal of woody biomass	Ac	$77.03
376	Field Operations Emissions Reduction	HU-Chipping and field removal of woody biomass	Ac	$92.44
376	Field Operations Emissions Reduction	Chipping of woody biomass	Ac	$131.62
376	Field Operations Emissions Reduction	HU-Chipping of woody biomass	Ac	$157.95
376	Field Operations Emissions Reduction	Clean Harvest Technology	Ac	$58.87
376	Field Operations Emissions Reduction	HU-Clean Harvest Technology	Ac	$70.64
376	Field Operations Emissions Reduction	One Crop Per Year	Ac	$11.58
376	Field Operations Emissions Reduction	HU-One Crop Per Year	Ac	$13.89
376	Field Operations Emissions Reduction	Two Crops Per Year	Ac	$23.16
376	Field Operations Emissions Reduction	HU-Two Crops Per Year	Ac	$27.79
378	Pond	Difficult Excavation	CuYd	$9.35
378	Pond	HU-Difficult Excavation	CuYd	$11.22
378	Pond	Difficult Excavation, embankment pond with pipe	CuYd	$18.31
378	Pond	HU-Difficult Excavation, embankment pond with pipe	CuYd	$21.97
378	Pond	Embankment Pond with Lined Auxiliary Spillway, No Pipe	CuYd	$47.16
378	Pond	HU-Embankment Pond with Lined Auxiliary Spillway, No Pipe	CuYd	$56.59
378	Pond	Embankment pond with pipe <= 500 yd3	CuYd	$28.76
378	Pond	HU-Embankment pond with pipe <= 500 yd3	CuYd	$34.51
378	Pond	Embankment pond with pipe > 500 yd3	CuYd	$8.31
378	Pond	HU-Embankment pond with pipe > 500 yd3	CuYd	$9.98
378	Pond	Embankment Pond without Pipe	CuYd	$6.74
378	Pond	HU-Embankment Pond without Pipe	CuYd	$8.09
378	Pond	Embankment Pond without Pipe, Imported Fill	CuYd	$8.85
378	Pond	HU-Embankment Pond without Pipe, Imported Fill	CuYd	$10.62

Code	Practice	Component	Units	Unit Cost
378	Pond	Excavated Pit	CuYd	$3.22
378	Pond	HU-Excavated Pit	CuYd	$3.87
379	Multi-Story Cropping	Native Tree or Shrub Planting	No	$3.32
379	Multi-Story Cropping	HU-Native Tree or Shrub Planting	No	$4.70
379	Multi-Story Cropping	Non-native Tree or Shrub Planting	No	$4.80
379	Multi-Story Cropping	HU-Non-native Tree or Shrub Planting	No	$5.77
380	Windbreak/Shelterbelt Establishment	1-row, Tree and/or Shrub, with Wind-protection Fence	Ft	$1.40
380	Windbreak/Shelterbelt Establishment	HU-1-row, Tree and/or Shrub, with Wind-protection Fence	Ft	$1.68
380	Windbreak/Shelterbelt Establishment	1-row, tree or shrub, bareroot, hand planted	Ft	$0.58
380	Windbreak/Shelterbelt Establishment	HU-1-row, tree or shrub, bareroot, hand planted	Ft	$0.70
380	Windbreak/Shelterbelt Establishment	1-row, trees, containers, hand planted	Ft	$0.51
380	Windbreak/Shelterbelt Establishment	HU-1-row, trees, containers, hand planted	Ft	$0.62
380	Windbreak/Shelterbelt Establishment	1-row, trees, containers, hand planted, protected	Ft	$0.76
380	Windbreak/Shelterbelt Establishment	HU-1-row, trees, containers, hand planted, protected	Ft	$0.92
380	Windbreak/Shelterbelt Establishment	2-row, tree-shrub, chemical drift, hand planted	Ft	$6.21
380	Windbreak/Shelterbelt Establishment	HU-2-row, tree-shrub, chemical drift, hand planted	Ft	$7.45
380	Windbreak/Shelterbelt Establishment	2-row, tree-shrub, hand planted	Ft	$0.95
380	Windbreak/Shelterbelt Establishment	HU-2-row, tree-shrub, hand planted	Ft	$1.13
380	Windbreak/Shelterbelt Establishment	2-row, tree-shrub, hand planted, protected	Ft	$1.41
380	Windbreak/Shelterbelt Establishment	HU-2-row, tree-shrub, hand planted, protected	Ft	$1.70
380	Windbreak/Shelterbelt Establishment	3-row or more, tree-shrub, hand planted	Ft	$1.36
380	Windbreak/Shelterbelt Establishment	HU-3-row or more, tree-shrub, hand planted	Ft	$1.63
380	Windbreak/Shelterbelt Establishment	3-row or more, tree-shrub, hand planted, protected	Ft	$2.07
380	Windbreak/Shelterbelt Establishment	HU-3-row or more, tree-shrub, hand planted, protected	Ft	$2.48
380	Windbreak/Shelterbelt Establishment	4-row, Snow Shelter	Ft	$1.30
380	Windbreak/Shelterbelt Establishment	HU-4-row, Snow Shelter	Ft	$1.56
381	Silvopasture	Establish Trees & Grasses	Ac	$395.57
381	Silvopasture	HU-Establish Trees & Grasses	Ac	$474.68
381	Silvopasture	Establish Trees, Existing Grasses	Ac	$106.26

Code	Practice	Component	Units	Unit Cost
381	Silvopasture	HU-Establish Trees, Existing Grasses	Ac	$127.51
381	Silvopasture	Existing Trees, Establish Grasses	Ac	$195.18
381	Silvopasture	HU-Existing Trees, Establish Grasses	Ac	$234.22
381	Silvopasture	Thinning & Establish Grasses	Ac	$469.61
381	Silvopasture	HU-Thinning & Establish Grasses	Ac	$563.53
382	Fence	Barbed/Smooth Wire	Ft	$3.72
382	Fence	HU-Barbed/Smooth Wire	Ft	$4.46
382	Fence	Difficult Installation	Ft	$5.28
382	Fence	HU-Difficult Installation	Ft	$6.33
382	Fence	Electric	Ft	$2.12
382	Fence	HU-Electric	Ft	$2.54
382	Fence	Organic Fence	Ft	$4.03
382	Fence	HU-Organic Fence	Ft	$4.83
382	Fence	Safety or Heavy Use	Ft	$5.93
382	Fence	HU-Safety or Heavy Use	Ft	$7.12
382	Fence	Water Quality	Ft	$17.37
382	Fence	HU-Water Quality	Ft	$20.85
382	Fence	Wildlife Exclusion	Ft	$8.48
382	Fence	HU-Wildlife Exclusion	Ft	$10.17
382	Fence	Woven Wire	Ft	$4.65
382	Fence	HU-Woven Wire	Ft	$5.58
383	Fuel Break	Dozer, Level to Moderate Slopes	Ac	$1,432.60
383	Fuel Break	HU-Dozer, Level to Moderate Slopes	Ac	$1,719.13
383	Fuel Break	Hand Treatments	Ac	$1,933.75
383	Fuel Break	HU-Hand Treatments	Ac	$2,320.50
383	Fuel Break	Masticator, Level to Moderate Slopes	Ac	$1,444.91
383	Fuel Break	HU-Masticator, Level to Moderate Slopes	Ac	$1,733.89
383	Fuel Break	Non Forest Lands	Ac	$285.75
383	Fuel Break	HU-Non Forest Lands	Ac	$342.90

Code	Practice	Component	Units	Unit Cost
384	Woody Residue Treatment	Chipping and hauling off-site	Ac	$389.05
384	Woody Residue Treatment	HU-Chipping and hauling off-site	Ac	$466.86
384	Woody Residue Treatment	Forest Slash Treatment, Heavy	Ac	$285.92
384	Woody Residue Treatment	HU-Forest Slash Treatment, Heavy	Ac	$343.10
384	Woody Residue Treatment	Lop and Scatter	Ac	$86.45
384	Woody Residue Treatment	HU-Lop and Scatter	Ac	$103.74
384	Woody Residue Treatment	Orchard Removal Slash Treatment, Large	Ac	$771.31
384	Woody Residue Treatment	HU-Orchard Removal Slash Treatment, Large	Ac	$925.58
384	Woody Residue Treatment	Orchard/Vineyard/Christmas Tree Removal	Ac	$235.97
384	Woody Residue Treatment	HU-Orchard/Vineyard/Christmas Tree Removal	Ac	$283.16
384	Woody Residue Treatment	Replacing open pile burning with air curtain burner - large operation	Ac	$103.13
384	Woody Residue Treatment	HU-Replacing open pile burning with air curtain burner - large operation	Ac	$123.75
384	Woody Residue Treatment	Replacing open pile burning with air curtain burner - small operation	Ac	$116.09
384	Woody Residue Treatment	HU-Replacing open pile burning with air curtain burner - small operation	Ac	$139.31
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	Ac	$715.87
384	Woody Residue Treatment	HU-Restoration/conservation treatment following catastrophic events	Ac	$859.04
384	Woody Residue Treatment	Slash Treatment, Light	Ac	$167.33
384	Woody Residue Treatment	HU-Slash Treatment, Light	Ac	$200.80
386	Field Border	Field Border, Introduced Species	Ac	$75.33
386	Field Border	HU-Field Border, Introduced Species	Ac	$90.40
386	Field Border	Pr_Field Border, Introduced Species	Ac	$90.40
386	Field Border	Field Border, Native Species	Ac	$121.83
386	Field Border	HU-Field Border, Native Species	Ac	$146.19
386	Field Border	Pr_Field Border, Native Species	Ac	$146.19
386	Field Border	Field Border, Pollinator	Ac	$382.41
386	Field Border	HU-Field Border, Pollinator	Ac	$458.90
386	Field Border	Pr_Field Border, Pollinator	Ac	$458.90
388	Irrigation Field Ditch	Irrigation Field Ditch	CuYd	$2.13
388	Irrigation Field Ditch	HU-Irrigation Field Ditch	CuYd	$2.56

Code	Practice	Component	Units	Unit Cost
390	Riparian Herbaceous Cover	Broadcast Seeding with Foregone Income	Ac	$1,308.63
390	Riparian Herbaceous Cover	HU-Broadcast Seeding with Foregone Income	Ac	$1,494.17
390	Riparian Herbaceous Cover	Combination Broadcast Seeding and Plug Planting	Ac	$7,801.77
390	Riparian Herbaceous Cover	HU-Combination Broadcast Seeding and Plug Planting	Ac	$9,362.12
390	Riparian Herbaceous Cover	Plug Planting	Ac	$15,269.37
390	Riparian Herbaceous Cover	HU-Plug Planting	Ac	$18,323.24
390	Riparian Herbaceous Cover	Pollinator Cover	Ac	$1,176.61
390	Riparian Herbaceous Cover	HU-Pollinator Cover	Ac	$1,411.94
390	Riparian Herbaceous Cover	Riparian Broadcast Seeding	Ac	$675.83
390	Riparian Herbaceous Cover	HU-Riparian Broadcast Seeding	Ac	$810.99
391	Riparian Forest Buffer	Bare-root, hand planted	Ac	$1,515.66
391	Riparian Forest Buffer	HU-Bare-root, hand planted	Ac	$1,818.79
391	Riparian Forest Buffer	Pr_Bare-root, hand planted	Ac	$1,818.79
391	Riparian Forest Buffer	Cuttings, Medium to Large	Ac	$3,652.46
391	Riparian Forest Buffer	HU-Cuttings, Medium to Large	Ac	$4,382.96
391	Riparian Forest Buffer	Pr_Cuttings, Medium to Large	Ac	$4,382.96
391	Riparian Forest Buffer	Cuttings, Small to Medium	Ac	$1,664.09
391	Riparian Forest Buffer	HU-Cuttings, Small to Medium	Ac	$1,996.91
391	Riparian Forest Buffer	Pr_Cuttings, Small to Medium	Ac	$1,996.91
391	Riparian Forest Buffer	Large container, hand planted	Ac	$6,137.61
391	Riparian Forest Buffer	HU-Large container, hand planted	Ac	$7,365.13
391	Riparian Forest Buffer	Pr_Large container, hand planted	Ac	$7,365.13
391	Riparian Forest Buffer	Small container, hand planted	Ac	$2,388.22
391	Riparian Forest Buffer	HU-Small container, hand planted	Ac	$3,383.31
391	Riparian Forest Buffer	Pr_Small container, hand planted	Ac	$3,582.33
393	Filter Strip	Filter Strip, Introduced species	Ac	$128.23
393	Filter Strip	HU-Filter Strip, Introduced species	Ac	$153.87
393	Filter Strip	Filter Strip, Native species	Ac	$180.64
393	Filter Strip	HU-Filter Strip, Native species	Ac	$216.76

Code	Practice	Component	Units	Unit Cost
394	Firebreak	Constructed - Light Equipment	100 Ft	$2.93
394	Firebreak	HU-Constructed - Light Equipment	100 Ft	$3.52
394	Firebreak	Constructed, Medium equipment, Flat-medium slopes	Ft	$0.28
394	Firebreak	HU-Constructed, Medium equipment, Flat-medium slopes	Ft	$0.33
394	Firebreak	Constructed, Medium equipment, Steep slopes	Ft	$1.44
394	Firebreak	HU-Constructed, Medium equipment, Steep slopes	Ft	$1.73
394	Firebreak	Constructed, Wide, Bladed or disked	Ft	$3.90
394	Firebreak	HU-Constructed, Wide, Bladed or disked	Ft	$4.68
394	Firebreak	Vegetated, permanent	Ft	$0.33
394	Firebreak	HU-Vegetated, permanent	Ft	$0.39
395	Stream Habitat Improvement and Management	Anchored wood placement from off-site sources	No	$10,685.52
395	Stream Habitat Improvement and Management	HU-Anchored wood placement from off-site sources	No	$12,822.63
395	Stream Habitat Improvement and Management	Anchored wood placement from on-site sources	No	$6,562.26
395	Stream Habitat Improvement and Management	HU-Anchored wood placement from on-site sources	No	$7,874.72
395	Stream Habitat Improvement and Management	Engineered Log Jam (ELJ), Large	No	$41,958.27
395	Stream Habitat Improvement and Management	HU-Engineered Log Jam (ELJ), Large	No	$50,349.92
395	Stream Habitat Improvement and Management	Engineered Log Jam (ELJ), Medium	No	$21,333.49
395	Stream Habitat Improvement and Management	HU-Engineered Log Jam (ELJ), Medium	No	$25,600.19
395	Stream Habitat Improvement and Management	Instream rock placement	No	$14,618.31
395	Stream Habitat Improvement and Management	HU-Instream rock placement	No	$17,541.97
395	Stream Habitat Improvement and Management	Wood placement, Unanchored, Off-site sources	No	$6,054.87
395	Stream Habitat Improvement and Management	HU-Wood placement, Unanchored, Off-site sources	No	$7,265.84
395	Stream Habitat Improvement and Management	Wood placement, Unanchored, On-site sources	No	$2,676.70
395	Stream Habitat Improvement and Management	HU-Wood placement, Unanchored, On-site sources	No	$3,212.04
396	Aquatic Organism Passage	Bottomless Culvert <= 8ft span	Ft	$1,364.55
396	Aquatic Organism Passage	HU-Bottomless Culvert <= 8ft span	Ft	$1,637.47
396	Aquatic Organism Passage	Pr_Bottomless Culvert <= 8ft span	Ft	$1,637.47
396	Aquatic Organism Passage	Bottomless Culvert >8ft span	Ft	$1,323.07
396	Aquatic Organism Passage	HU-Bottomless Culvert >8ft span	Ft	$1,587.68

Code	Practice	Component	Units	Unit Cost
396	Aquatic Organism Passage	Pr_Bottomless Culvert >8ft span	Ft	$1,587.68
396	Aquatic Organism Passage	Bridge, Manufactured	Ft	$1,769.13
396	Aquatic Organism Passage	HU-Bridge, Manufactured	Ft	$2,122.95
396	Aquatic Organism Passage	Pr_Bridge, Manufactured	Ft	$2,122.95
396	Aquatic Organism Passage	Bridge, manufactured for livestock and pedestrians	Lnft	$631.89
396	Aquatic Organism Passage	HU-Bridge, manufactured for livestock and pedestrians	Lnft	$758.27
396	Aquatic Organism Passage	Pr_Bridge, manufactured for livestock and pedestrians	Lnft	$758.27
396	Aquatic Organism Passage	Bridge, Manufactured, Foundation Modification	Ft	$2,079.67
396	Aquatic Organism Passage	HU-Bridge, Manufactured, Foundation Modification	Ft	$2,495.60
396	Aquatic Organism Passage	Pr_Bridge, Manufactured, Foundation Modification	Ft	$2,495.60
396	Aquatic Organism Passage	CMP Culvert <=8ft, Foundation Modification	Ft	$840.57
396	Aquatic Organism Passage	HU-CMP Culvert <=8ft, Foundation Modification	Ft	$1,008.68
396	Aquatic Organism Passage	Pr_CMP Culvert <=8ft, Foundation Modification	Ft	$1,008.68
396	Aquatic Organism Passage	CMP Culvert, <=8ft	Ft	$680.15
396	Aquatic Organism Passage	HU-CMP Culvert, <=8ft	Ft	$816.18
396	Aquatic Organism Passage	Pr_CMP Culvert, <=8ft	Ft	$816.18
396	Aquatic Organism Passage	CMP Culvert, >8ft	Ft	$1,103.77
396	Aquatic Organism Passage	HU-CMP Culvert, >8ft	Ft	$1,324.52
396	Aquatic Organism Passage	Pr_CMP Culvert, >8ft	Ft	$1,324.52
396	Aquatic Organism Passage	CMP Culvert, >8ft, Foundation Modification	Lnft	$1,049.91
396	Aquatic Organism Passage	HU-CMP Culvert, >8ft, Foundation Modification	Lnft	$1,259.89
396	Aquatic Organism Passage	Pr_CMP Culvert, >8ft, Foundation Modification	Lnft	$1,259.89
396	Aquatic Organism Passage	Concrete Box Culvert	Ft	$1,318.39
396	Aquatic Organism Passage	HU-Concrete Box Culvert	Ft	$1,582.07
396	Aquatic Organism Passage	Pr_Concrete Box Culvert	Ft	$1,582.07
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	$151.03
396	Aquatic Organism Passage	HU-Concrete Dam Removal	CuYd	$181.24
396	Aquatic Organism Passage	Pr_Concrete Dam Removal	CuYd	$181.24
396	Aquatic Organism Passage	Concrete Dam Removal with Blasting	CuYd	$175.35

Code	Practice	Component	Units	Unit Cost
396	Aquatic Organism Passage	HU-Concrete Dam Removal with Blasting	CuYd	$210.42
396	Aquatic Organism Passage	Pr_Concrete Dam Removal with Blasting	CuYd	$210.42
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$123.10
396	Aquatic Organism Passage	HU-Earthen Dam Removal	CuYd	$147.72
396	Aquatic Organism Passage	Pr_Earthen Dam Removal	CuYd	$147.72
396	Aquatic Organism Passage	Roughened Channel	SqFt	$18.39
396	Aquatic Organism Passage	HU-Roughened Channel	SqFt	$22.07
396	Aquatic Organism Passage	Pr_Roughened Channel	SqFt	$22.07
396	Aquatic Organism Passage	Step Pool Weir	CuYd	$114.57
396	Aquatic Organism Passage	HU-Step Pool Weir	CuYd	$137.49
396	Aquatic Organism Passage	Pr_Step Pool Weir	CuYd	$137.49
410	Grade Stabilization Structure	Check Dams	Ton	$68.94
410	Grade Stabilization Structure	HU-Check Dams	Ton	$82.73
410	Grade Stabilization Structure	Embankment, Pipe >12 inch	CuYd	$7.14
410	Grade Stabilization Structure	HU-Embankment, Pipe >12 inch	CuYd	$8.57
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inch	CuYd	$5.42
410	Grade Stabilization Structure	HU-Embankment, Pipe 8-12 inch	CuYd	$6.50
410	Grade Stabilization Structure	Log Drop Structures	No	$3,913.50
410	Grade Stabilization Structure	HU-Log Drop Structures	No	$4,696.20
410	Grade Stabilization Structure	Pipe Drop, Plastic	SqFt	$24.10
410	Grade Stabilization Structure	HU-Pipe Drop, Plastic	SqFt	$28.92
410	Grade Stabilization Structure	Pipe Drop, Steel	SqFt	$14.12
410	Grade Stabilization Structure	HU-Pipe Drop, Steel	SqFt	$16.94
410	Grade Stabilization Structure	Rock Drop Structures	SqFt	$54.59
410	Grade Stabilization Structure	HU-Rock Drop Structures	SqFt	$65.51
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	$86.76
410	Grade Stabilization Structure	HU-Weir Drop Structures	SqFt	$104.11
412	Grassed Waterway	Base Waterway	Ac	$1,323.51
412	Grassed Waterway	HU-Base Waterway	Ac	$1,588.21

Code	Practice	Component	Units	Unit Cost
412	Grassed Waterway	Waterway with Checks	Ac	$2,076.21
412	Grassed Waterway	HU-Waterway with Checks	Ac	$2,491.45
420	Wildlife Habitat Planting	Beetle Bank	Ft	$1.57
420	Wildlife Habitat Planting	HU-Beetle Bank	Ft	$1.85
420	Wildlife Habitat Planting	Pr_Beetle Bank	Ft	$1.85
420	Wildlife Habitat Planting	Diverse Native Wildflowers	Ac	$955.16
420	Wildlife Habitat Planting	HU-Diverse Native Wildflowers	Ac	$1,146.20
420	Wildlife Habitat Planting	Pr_Diverse Native Wildflowers	Ac	$1,146.20
420	Wildlife Habitat Planting	Monarch Habitat - plug planted milkweed	Ac	$3,998.90
420	Wildlife Habitat Planting	HU-Monarch Habitat - plug planted milkweed	Ac	$4,798.68
420	Wildlife Habitat Planting	Pr_Monarch Habitat - plug planted milkweed	Ac	$4,798.68
420	Wildlife Habitat Planting	Monarch Habitat - seeded	Ac	$993.46
420	Wildlife Habitat Planting	HU-Monarch Habitat - seeded	Ac	$1,192.15
420	Wildlife Habitat Planting	Pr_Monarch Habitat - seeded	Ac	$1,192.15
420	Wildlife Habitat Planting	Small Acreage - Diverse Shrubs and Wildflowers	Ac	$6,653.86
420	Wildlife Habitat Planting	HU-Small Acreage - Diverse Shrubs and Wildflowers	Ac	$7,984.63
420	Wildlife Habitat Planting	Pr_Small Acreage - Diverse Shrubs and Wildflowers	Ac	$7,984.63
420	Wildlife Habitat Planting	Small Acreage, Diverse Shrubs	No	$13.85
420	Wildlife Habitat Planting	HU-Small Acreage, Diverse Shrubs	No	$16.63
420	Wildlife Habitat Planting	Pr_Small Acreage, Diverse Shrubs	No	$16.63
420	Wildlife Habitat Planting	Small Acreage, Diverse Shrubs, Caged	No	$21.39
420	Wildlife Habitat Planting	HU-Small Acreage, Diverse Shrubs, Caged	No	$25.67
420	Wildlife Habitat Planting	Pr_Small Acreage, Diverse Shrubs, Caged	No	$25.67
422	Hedgerow Planting	Single Row	Ft	$5.22
422	Hedgerow Planting	HU-Single Row	Ft	$6.27
422	Hedgerow Planting	Three Rows for Pollinators, Two Herbaceous	Ft	$5.28
422	Hedgerow Planting	HU-Three Rows for Pollinators, Two Herbaceous	Ft	$6.33
422	Hedgerow Planting	Two or Three Row, Both Woody	Ft	$7.65
422	Hedgerow Planting	HU-Two or Three Row, Both Woody	Ft	$9.18

Code	Practice	Component	Units	Unit Cost
428	Irrigation Ditch Lining	Concrete Lining	SqYd	$13.66
428	Irrigation Ditch Lining	HU-Concrete Lining	SqYd	$16.39
428	Irrigation Ditch Lining	Flexible Lining	SqYd	$6.59
428	Irrigation Ditch Lining	HU-Flexible Lining	SqYd	$7.91
430	Irrigation Pipeline	Above Ground, Ultra UV Resistant PVC	Lb	$2.16
430	Irrigation Pipeline	HU-Above Ground, Ultra UV Resistant PVC	Lb	$2.59
430	Irrigation Pipeline	Wp_Above Ground, Ultra UV Resistant PVC	Lb	$2.59
430	Irrigation Pipeline	HDPE (Corrugated Plastic Pipe)	Lb	$2.14
430	Irrigation Pipeline	HU-HDPE (Corrugated Plastic Pipe)	Lb	$2.57
430	Irrigation Pipeline	Wp_HDPE (Corrugated Plastic Pipe)	Lb	$2.57
430	Irrigation Pipeline	HDPE <4 inch	Lb	$3.56
430	Irrigation Pipeline	HU-HDPE <4 inch	Lb	$4.27
430	Irrigation Pipeline	Wp_HDPE <4 inch	Lb	$4.27
430	Irrigation Pipeline	HDPE <4 inch, Difficult Intsall	Lb	$4.40
430	Irrigation Pipeline	HU-HDPE <4 inch, Difficult Intsall	Lb	$5.28
430	Irrigation Pipeline	Wp_HDPE <4 inch, Difficult Intsall	Lb	$5.28
430	Irrigation Pipeline	HDPE >12 inch, Difficult Install	Lb	$2.26
430	Irrigation Pipeline	HU-HDPE >12 inch, Difficult Install	Lb	$2.71
430	Irrigation Pipeline	Wp_HDPE >12 inch, Difficult Install	Lb	$2.71
430	Irrigation Pipeline	HDPE >12 inch, Typical Install	Lb	$2.15
430	Irrigation Pipeline	HU-HDPE >12 inch, Typical Install	Lb	$2.58
430	Irrigation Pipeline	Wp_HDPE >12 inch, Typical Install	Lb	$2.58
430	Irrigation Pipeline	HDPE 4-12 inch, Difficult Install	Lb	$2.72
430	Irrigation Pipeline	HU-HDPE 4-12 inch, Difficult Install	Lb	$3.27
430	Irrigation Pipeline	Wp_HDPE 4-12 inch, Difficult Install	Lb	$3.27
430	Irrigation Pipeline	HDPE 4-12 inch, Typical Install	Lb	$2.49
430	Irrigation Pipeline	HU-HDPE 4-12 inch, Typical Install	Lb	$2.99
430	Irrigation Pipeline	Wp_HDPE 4-12 inch, Typical Install	Lb	$2.99
430	Irrigation Pipeline	PVC <4 inch, Difficult Install	Lb	$5.52

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	HU-PVC <4 inch, Difficult Install	Lb	$6.63
430	Irrigation Pipeline	Wp_PVC <4 inch, Difficult Install	Lb	$6.63
430	Irrigation Pipeline	PVC <4 inch, Typical Install	Lb	$3.47
430	Irrigation Pipeline	HU-PVC <4 inch, Typical Install	Lb	$4.17
430	Irrigation Pipeline	Wp_PVC <4 inch, Typical Install	Lb	$4.17
430	Irrigation Pipeline	PVC >12 inch, Difficult Install	Lb	$1.90
430	Irrigation Pipeline	HU-PVC >12 inch, Difficult Install	Lb	$2.28
430	Irrigation Pipeline	Wp_PVC >12 inch, Difficult Install	Lb	$2.28
430	Irrigation Pipeline	PVC >12 inch, Typical Install	Lb	$1.76
430	Irrigation Pipeline	HU-PVC >12 inch, Typical Install	Lb	$2.11
430	Irrigation Pipeline	Wp_PVC >12 inch, Typical Install	Lb	$2.11
430	Irrigation Pipeline	PVC 4 -12 inch, Difficult Install	Lb	$2.68
430	Irrigation Pipeline	HU-PVC 4 -12 inch, Difficult Install	Lb	$3.22
430	Irrigation Pipeline	Wp_PVC 4 -12 inch, Difficult Install	Lb	$3.22
430	Irrigation Pipeline	PVC 4-12 inch, Typical Install	Lb	$2.10
430	Irrigation Pipeline	HU-PVC 4-12 inch, Typical Install	Lb	$2.52
430	Irrigation Pipeline	Wp_PVC 4-12 inch, Typical Install	Lb	$2.52
430	Irrigation Pipeline	PVC, High fitting ratio	Lb	$2.76
430	Irrigation Pipeline	HU-PVC, High fitting ratio	Lb	$3.31
430	Irrigation Pipeline	Wp_PVC, High fitting ratio	Lb	$3.31
430	Irrigation Pipeline	Steel (Corrugated Steel Pipe)	Lb	$1.16
430	Irrigation Pipeline	HU-Steel (Corrugated Steel Pipe)	Lb	$1.39
430	Irrigation Pipeline	Wp_Steel (Corrugated Steel Pipe)	Lb	$1.39
430	Irrigation Pipeline	Stream/road cross, directional drilling < 4 inch	Lnft	$104.70
430	Irrigation Pipeline	HU-Stream/road cross, directional drilling < 4 inch	Lnft	$125.64
430	Irrigation Pipeline	Wp_Stream/road cross, directional drilling < 4 inch	Lnft	$125.64
430	Irrigation Pipeline	Stream/road crossing directional drilling >12 inch	Lnft	$319.96
430	Irrigation Pipeline	HU-Stream/road crossing directional drilling >12 inch	Lnft	$383.95
430	Irrigation Pipeline	Wp_Stream/road crossing directional drilling >12 inch	Lnft	$383.95

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	Stream/road crossing directional drilling, 4-12 inch steel casing	Ft	$165.97
430	Irrigation Pipeline	HU-Stream/road crossing directional drilling, 4-12 inch steel casing	Ft	$199.16
430	Irrigation Pipeline	Wp_Stream/road crossing directional drilling, 4-12 inch steel casing	Ft	$199.16
430	Irrigation Pipeline	Surface Aluminum (Aluminum Irrigation Pipe)	Lb	$4.74
430	Irrigation Pipeline	HU-Surface Aluminum (Aluminum Irrigation Pipe)	Lb	$5.68
430	Irrigation Pipeline	Wp_Surface Aluminum (Aluminum Irrigation Pipe)	Lb	$5.68
430	Irrigation Pipeline	Surface HDPE <4 inch	Lb	$2.44
430	Irrigation Pipeline	HU-Surface HDPE <4 inch	Lb	$2.93
430	Irrigation Pipeline	Wp_Surface HDPE <4 inch	Lb	$2.93
430	Irrigation Pipeline	Surface HDPE >12 inch	Lb	$2.18
430	Irrigation Pipeline	HU-Surface HDPE >12 inch	Lb	$2.62
430	Irrigation Pipeline	Wp_Surface HDPE >12 inch	Lb	$2.62
430	Irrigation Pipeline	Surface HDPE 4-12 inch	Lb	$2.20
430	Irrigation Pipeline	HU-Surface HDPE 4-12 inch	Lb	$2.64
430	Irrigation Pipeline	Wp_Surface HDPE 4-12 inch	Lb	$2.64
430	Irrigation Pipeline	Surface Steel (Iron Pipe Size)	Lb	$2.03
430	Irrigation Pipeline	HU-Surface Steel (Iron Pipe Size)	Lb	$2.43
430	Irrigation Pipeline	Wp_Surface Steel (Iron Pipe Size)	Lb	$2.43
436	Irrigation Reservoir	Embankment Dam	CuYd	$4.31
436	Irrigation Reservoir	HU-Embankment Dam	CuYd	$5.17
436	Irrigation Reservoir	Embankment Reservoir	CuYd	$3.49
436	Irrigation Reservoir	HU-Embankment Reservoir	CuYd	$4.18
436	Irrigation Reservoir	Excavated Tailwater Pit	CuYd	$1.71
436	Irrigation Reservoir	HU-Excavated Tailwater Pit	CuYd	$2.05
441	Irrigation System, Microirrigation	Orchard-vineyard, >10ac	Ac	$1,050.44
441	Irrigation System, Microirrigation	HU-Orchard-vineyard, >10ac	Ac	$1,260.53
441	Irrigation System, Microirrigation	Orchard-vineyard, >10ac with automation	Ac	$1,091.52
441	Irrigation System, Microirrigation	HU-Orchard-vineyard, >10ac with automation	Ac	$1,309.83
441	Irrigation System, Microirrigation	Orchard-vineyard, 10ac or less	Ac	$2,101.62

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	HU-Orchard-vineyard, 10ac or less	Ac	$2,521.94
441	Irrigation System, Microirrigation	Orchard-vineyard, durable tubing replace	Ac	$514.62
441	Irrigation System, Microirrigation	HU-Orchard-vineyard, durable tubing replace	Ac	$617.54
441	Irrigation System, Microirrigation	Retrofit, Irrigation Automation	No	$17,456.04
441	Irrigation System, Microirrigation	HU-Retrofit, Irrigation Automation	No	$20,947.25
441	Irrigation System, Microirrigation	Row Crop, Above Ground PE Manifold	Ac	$2,581.55
441	Irrigation System, Microirrigation	HU-Row Crop, Above Ground PE Manifold	Ac	$3,097.86
441	Irrigation System, Microirrigation	Row Crop, Buried Manifold	Ac	$1,478.13
441	Irrigation System, Microirrigation	HU-Row Crop, Buried Manifold	Ac	$1,773.76
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	$1,685.62
441	Irrigation System, Microirrigation	HU-SDI (Subsurface Drip Irrigation)	Ac	$2,022.75
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation), Manure	Ac	$2,430.94
441	Irrigation System, Microirrigation	HU-SDI (Subsurface Drip Irrigation), Manure	Ac	$2,917.13
441	Irrigation System, Microirrigation	Small Acreage	Ac	$3,093.55
441	Irrigation System, Microirrigation	HU-Small Acreage	Ac	$3,712.26
441	Irrigation System, Microirrigation	Vegetation Establishment	Ac	$443.31
441	Irrigation System, Microirrigation	HU-Vegetation Establishment	Ac	$531.97
442	Sprinkler System	Big Gun, Stationary	No	$3,021.43
442	Sprinkler System	HU-Big Gun, Stationary	No	$3,625.72
442	Sprinkler System	Wp_Big Gun, Stationary	No	$3,625.72
442	Sprinkler System	Center Pivot, < 600 Ft	Ft	$57.41
442	Sprinkler System	HU-Center Pivot, < 600 Ft	Ft	$68.89
442	Sprinkler System	Wp_Center Pivot, < 600 Ft	Ft	$68.89
442	Sprinkler System	Center Pivot, > 600 Ft	Ft	$49.24
442	Sprinkler System	HU-Center Pivot, > 600 Ft	Ft	$59.09
442	Sprinkler System	Wp_Center Pivot, > 600 Ft	Ft	$59.09
442	Sprinkler System	Handline system	Ft	$5.33
442	Sprinkler System	HU-Handline system	Ft	$6.40
442	Sprinkler System	Wp_Handline system	Ft	$6.40

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	Linear Move System	Ft	$86.23
442	Sprinkler System	HU-Linear Move System	Ft	$103.47
442	Sprinkler System	Wp_Linear Move System	Ft	$103.47
442	Sprinkler System	Pod System	No	$388.73
442	Sprinkler System	HU-Pod System	No	$466.48
442	Sprinkler System	Wp_Pod System	No	$466.48
442	Sprinkler System	Renovation of Existing Overhead or Wheel line Sprinkler System	Ft	$6.29
442	Sprinkler System	HU-Renovation of Existing Overhead or Wheel line Sprinkler System	Ft	$7.55
442	Sprinkler System	Wp_Renovation of Existing Overhead or Wheel line Sprinkler System	Ft	$7.55
442	Sprinkler System	Replacement traveling boom and flow meter	No	$19,667.22
442	Sprinkler System	HU-Replacement traveling boom and flow meter	No	$23,600.66
442	Sprinkler System	Wp_Replacement traveling boom and flow meter	No	$23,600.66
442	Sprinkler System	Retrofit, Irrigation Automation	Ac	$178.50
442	Sprinkler System	HU-Retrofit, Irrigation Automation	Ac	$401.62
442	Sprinkler System	Wp_Retrofit, Irrigation Automation	Ac	$803.24
442	Sprinkler System	Solid Set System	Ac	$3,398.97
442	Sprinkler System	HU-Solid Set System	Ac	$4,078.77
442	Sprinkler System	Wp_Solid Set System	Ac	$4,078.77
442	Sprinkler System	Solid Set System Renovation	Ac	$474.69
442	Sprinkler System	HU-Solid Set System Renovation	Ac	$569.62
442	Sprinkler System	Wp_Solid Set System Renovation	Ac	$569.62
442	Sprinkler System	Solid Set System with automation	Ac	$3,904.33
442	Sprinkler System	HU-Solid Set System with automation	Ac	$4,685.20
442	Sprinkler System	Wp_Solid Set System with automation	Ac	$4,685.20
442	Sprinkler System	Solid Set, Above Ground Laterals	Ac	$1,798.63
442	Sprinkler System	HU-Solid Set, Above Ground Laterals	Ac	$2,158.36
442	Sprinkler System	Wp_Solid Set, Above Ground Laterals	Ac	$2,158.36
442	Sprinkler System	Traveling boom system (boom, hose, and flow meter)	No	$52,902.24
442	Sprinkler System	HU-Traveling boom system (boom, hose, and flow meter)	No	$63,482.69

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	Wp_Traveling boom system (boom, hose, and flow meter)	No	$63,482.69
442	Sprinkler System	Traveling Gun System, > 3 inch Hose	No	$34,080.91
442	Sprinkler System	HU-Traveling Gun System, > 3 inch Hose	No	$40,897.09
442	Sprinkler System	Wp_Traveling Gun System, > 3 inch Hose	No	$40,897.09
442	Sprinkler System	Traveling Gun System, >2 to 3 inch Hose	InDia	$6,015.04
442	Sprinkler System	HU-Traveling Gun System, >2 to 3 inch Hose	InDia	$7,218.05
442	Sprinkler System	Wp_Traveling Gun System, >2 to 3 inch Hose	InDia	$7,218.05
442	Sprinkler System	Traveling Gun System, 2 inch or less diameter Hose	InDia	$5,096.56
442	Sprinkler System	HU-Traveling Gun System, 2 inch or less diameter Hose	InDia	$6,115.88
442	Sprinkler System	Wp_Traveling Gun System, 2 inch or less diameter Hose	InDia	$6,115.88
442	Sprinkler System	Wheel Line System	Ft	$16.09
442	Sprinkler System	HU-Wheel Line System	Ft	$19.31
442	Sprinkler System	Wp_Wheel Line System	Ft	$19.31
443	Irrigation System, Surface and Subsurface	Aluminum Gated Pipe	Lb	$4.26
443	Irrigation System, Surface and Subsurface	HU-Aluminum Gated Pipe	Lb	$5.11
443	Irrigation System, Surface and Subsurface	Poly Irrigation Tubing	Lb	$2.48
443	Irrigation System, Surface and Subsurface	HU-Poly Irrigation Tubing	Lb	$2.97
443	Irrigation System, Surface and Subsurface	Polyvinyl Chloride (PVC) Gated Pipe	Lb	$1.63
443	Irrigation System, Surface and Subsurface	HU-Polyvinyl Chloride (PVC) Gated Pipe	Lb	$1.95
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	No	$1,935.62
443	Irrigation System, Surface and Subsurface	HU-Surge Valve & Controller	No	$2,322.74
449	Irrigation Water Management	Advanced IWM <30 acres	No	$1,401.95
449	Irrigation Water Management	HU-Advanced IWM <30 acres	No	$1,682.34
449	Irrigation Water Management	Wp_Advanced IWM <30 acres	No	$1,682.34
449	Irrigation Water Management	Advanced IWM >= 30 acres	Ac	$55.89
449	Irrigation Water Management	HU-Advanced IWM >= 30 acres	Ac	$67.07
449	Irrigation Water Management	Wp_Advanced IWM >= 30 acres	Ac	$67.07
449	Irrigation Water Management	Intermediate IWM <30 acres	No	$970.58
449	Irrigation Water Management	HU-Intermediate IWM <30 acres	No	$1,164.70

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Wp_Intermediate IWM <30 acres	No	$1,164.70
449	Irrigation Water Management	Intermediate IWM >= 30 acres	Ac	$40.45
449	Irrigation Water Management	HU-Intermediate IWM >= 30 acres	Ac	$48.54
449	Irrigation Water Management	Wp_Intermediate IWM >= 30 acres	Ac	$48.54
449	Irrigation Water Management	IWM Fundamental Concepts	No	$287.58
449	Irrigation Water Management	HU-IWM Fundamental Concepts	No	$345.10
449	Irrigation Water Management	Wp_IWM Fundamental Concepts	No	$345.10
449	Irrigation Water Management	IWM w weather station	No	$3,558.21
449	Irrigation Water Management	HU-IWM w weather station	No	$4,269.85
449	Irrigation Water Management	Wp_IWM w weather station	No	$4,269.85
449	Irrigation Water Management	IWM with Irrigation Evaluation	No	$3,159.90
449	Irrigation Water Management	HU-IWM with Irrigation Evaluation	No	$3,791.88
449	Irrigation Water Management	Wp_IWM with Irrigation Evaluation	No	$3,791.88
449	Irrigation Water Management	IWM with Soil Moisture Sensors	No	$1,191.83
449	Irrigation Water Management	HU-IWM with Soil Moisture Sensors	No	$1,430.20
449	Irrigation Water Management	Wp_IWM with Soil Moisture Sensors	No	$1,430.20
449	Irrigation Water Management	IWM with Soil Moisture Sensors with Data Recorder	No	$1,586.88
449	Irrigation Water Management	HU-IWM with Soil Moisture Sensors with Data Recorder	No	$1,904.26
449	Irrigation Water Management	Wp_IWM with Soil Moisture Sensors with Data Recorder	No	$1,904.26
450	Anionic Polyacrylamide (PAM) Application	PAM Application	Lb	$5.17
450	Anionic Polyacrylamide (PAM) Application	HU-PAM Application	Lb	$6.20
460	Land Clearing	Heavy Equipment	Ac	$846.08
460	Land Clearing	HU-Heavy Equipment	Ac	$1,015.29
460	Land Clearing	Non-Heavy Equipment	Ac	$702.15
460	Land Clearing	HU-Non-Heavy Equipment	Ac	$842.58
460	Land Clearing	Shrub and Brush Clearing	Ac	$379.69
460	Land Clearing	HU-Shrub and Brush Clearing	Ac	$455.63
464	Irrigation Land Leveling	Irrigation Land Leveling	CuYd	$1.05
464	Irrigation Land Leveling	HU-Irrigation Land Leveling	CuYd	$1.26

Code	Practice	Component	Units	Unit Cost
472	Access Control	Cattle Guard	No	$3,910.56
472	Access Control	HU-Cattle Guard	No	$4,692.67
472	Access Control	Extended Road Closure	No	$2,494.92
472	Access Control	HU-Extended Road Closure	No	$2,993.91
472	Access Control	Monitoring, maintenance, additional labor	Ac	$23.69
472	Access Control	HU-Monitoring, maintenance, additional labor	Ac	$28.43
472	Access Control	Seasonal exclusion, High production	Ac	$64.21
472	Access Control	HU-Seasonal exclusion, High production	Ac	$69.12
472	Access Control	Seasonal exclusion, Low production	Ac	$17.70
472	Access Control	HU-Seasonal exclusion, Low production	Ac	$18.19
472	Access Control	Swing Arm Gate	No	$3,081.59
472	Access Control	HU-Swing Arm Gate	No	$3,697.91
484	Mulching	Erosion Control Blanket, Steep Slopes	SqFt	$0.15
484	Mulching	HU-Erosion Control Blanket, Steep Slopes	SqFt	$0.17
484	Mulching	Geotextile	SqFt	$0.11
484	Mulching	HU-Geotextile	SqFt	$0.14
484	Mulching	Hydromulch	SqYd	$0.16
484	Mulching	HU-Hydromulch	SqYd	$0.20
484	Mulching	Natural Materials	Ac	$180.36
484	Mulching	HU-Natural Materials	Ac	$216.44
484	Mulching	Natural Materials, Heavy	Ac	$477.70
484	Mulching	HU-Natural Materials, Heavy	Ac	$573.24
484	Mulching	Plastic	SqFt	$0.04
484	Mulching	HU-Plastic	SqFt	$0.05
484	Mulching	Tree and Shrub	No	$1.02
484	Mulching	HU-Tree and Shrub	No	$1.22
484	Mulching	Wood Chips	Ac	$1,804.84
484	Mulching	HU-Wood Chips	Ac	$2,165.81
490	Tree/Shrub Site Preparation	Chemical, Ground Application	Ac	$152.66

Code	Practice	Component	Units	Unit Cost
490	Tree/Shrub Site Preparation	HU-Chemical, Ground Application	Ac	$183.19
490	Tree/Shrub Site Preparation	Chemical, Hand Application	Ac	$113.90
490	Tree/Shrub Site Preparation	HU-Chemical, Hand Application	Ac	$136.68
490	Tree/Shrub Site Preparation	Hand Site Prep, Individual Spots, Disaster Rehabilitation	Ac	$449.70
490	Tree/Shrub Site Preparation	HU-Hand Site Prep, Individual Spots, Disaster Rehabilitation	Ac	$539.64
490	Tree/Shrub Site Preparation	Hand Site Prep, Individual Spots, Light Vegetation	Ac	$214.37
490	Tree/Shrub Site Preparation	HU-Hand Site Prep, Individual Spots, Light Vegetation	Ac	$257.25
490	Tree/Shrub Site Preparation	Hand Site Prep, Individual Spots, Thick Vegetation	Ac	$756.02
490	Tree/Shrub Site Preparation	HU-Hand Site Prep, Individual Spots, Thick Vegetation	Ac	$907.23
490	Tree/Shrub Site Preparation	Hand Site Prep, Individual Spots, Woody, Wet	Ac	$1,339.65
490	Tree/Shrub Site Preparation	HU-Hand Site Prep, Individual Spots, Woody, Wet	Ac	$1,607.59
490	Tree/Shrub Site Preparation	Mechanical, Brush Rake	Ac	$302.96
490	Tree/Shrub Site Preparation	HU-Mechanical, Brush Rake	Ac	$363.55
490	Tree/Shrub Site Preparation	Mechanical, Shredding, Heavy vegetation	Ac	$664.04
490	Tree/Shrub Site Preparation	HU-Mechanical, Shredding, Heavy vegetation	Ac	$796.84
490	Tree/Shrub Site Preparation	Mechanical, Shredding, Light vegetation	Ac	$532.70
490	Tree/Shrub Site Preparation	HU-Mechanical, Shredding, Light vegetation	Ac	$639.24
490	Tree/Shrub Site Preparation	Two Treatments, Small Difficult Sites	Ac	$932.55
490	Tree/Shrub Site Preparation	HU-Two Treatments, Small Difficult Sites	Ac	$1,119.06
490	Tree/Shrub Site Preparation	Windbreak/Hedgerow	Ac	$277.33
490	Tree/Shrub Site Preparation	HU-Windbreak/Hedgerow	Ac	$332.79
490	Tree/Shrub Site Preparation	Windbreak/Hedgerow, Small Project, <=0.7 ac	Ac	$534.82
490	Tree/Shrub Site Preparation	HU-Windbreak/Hedgerow, Small Project, <=0.7 ac	Ac	$641.79
500	Obstruction Removal	Removal and Disposal of Brush and Trees < 6 inch Diameter	Ac	$859.75
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees < 6 inch Diameter	Ac	$1,031.70
500	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter	Ac	$1,796.47
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees > 6 inch Diameter	Ac	$2,155.77
500	Obstruction Removal	Removal and Disposal of Fence	Ft	$0.83
500	Obstruction Removal	HU-Removal and Disposal of Fence	Ft	$1.00

Code	Practice	Component	Units	Unit Cost
500	Obstruction Removal	Removal and Disposal of Rock and or Boulders	CuYd	$101.11
500	Obstruction Removal	HU-Removal and Disposal of Rock and or Boulders	CuYd	$121.33
500	Obstruction Removal	Removal and Disposal of Steel and or Concrete Structures	SqFt	$11.80
500	Obstruction Removal	HU-Removal and Disposal of Steel and or Concrete Structures	SqFt	$14.16
500	Obstruction Removal	Removal and Disposal of Wood Structures	SqFt	$5.64
500	Obstruction Removal	HU-Removal and Disposal of Wood Structures	SqFt	$6.76
511	Forage Harvest Management	Delayed Harvest, Single Crop	Ac	$47.84
511	Forage Harvest Management	HU-Delayed Harvest, Single Crop	Ac	$49.00
511	Forage Harvest Management	Weed and Pest Control	Ac	$9.15
511	Forage Harvest Management	HU-Weed and Pest Control	Ac	$10.98
512	Pasture and Hay Planting	NonNative High Seeding Rate no Lime	Ac	$174.57
512	Pasture and Hay Planting	HU-NonNative High Seeding Rate no Lime	Ac	$209.49
512	Pasture and Hay Planting	Non-Native Standard Seeding no Fertilizer	Ac	$75.09
512	Pasture and Hay Planting	HU-Non-Native Standard Seeding no Fertilizer	Ac	$90.11
512	Pasture and Hay Planting	Non-Native Standard Seeding with Fertilizer	Ac	$130.52
512	Pasture and Hay Planting	HU-Non-Native Standard Seeding with Fertilizer	Ac	$156.62
512	Pasture and Hay Planting	NonNative, High Seeding Rate with Lime or similar amendment	Ac	$255.65
512	Pasture and Hay Planting	HU-NonNative, High Seeding Rate with Lime or similar amendment	Ac	$306.79
512	Pasture and Hay Planting	Small Acreage NonNative High Seeding Rate no Lime	Ac	$287.36
512	Pasture and Hay Planting	HU-Small Acreage NonNative High Seeding Rate no Lime	Ac	$344.83
516	Livestock Pipeline	Directional drilling beneath roads or streams	Lnft	$75.17
516	Livestock Pipeline	HU-Directional drilling beneath roads or streams	Lnft	$90.20
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing)	Ft	$2.04
516	Livestock Pipeline	HU-HDPE (Iron Pipe Size & Tubing)	Ft	$2.44
516	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) Difficult install	Ft	$4.11
516	Livestock Pipeline	HU-HDPE (Iron Pipe Size & Tubing) Difficult install	Ft	$4.94
516	Livestock Pipeline	PVC (Iron Pipe Size)	Ft	$2.07
516	Livestock Pipeline	HU-PVC (Iron Pipe Size)	Ft	$2.49
516	Livestock Pipeline	PVC (Iron Pipe Size) Difficult install	Ft	$3.97

Code	Practice	Component	Units	Unit Cost
516	Livestock Pipeline	HU-PVC (Iron Pipe Size) Difficult install	Ft	$4.77
516	Livestock Pipeline	PVC deep trench	Ft	$5.40
516	Livestock Pipeline	HU-PVC deep trench	Ft	$6.48
516	Livestock Pipeline	PVC, High Fitting Ratio	Ft	$2.60
516	Livestock Pipeline	HU-PVC, High Fitting Ratio	Ft	$3.12
516	Livestock Pipeline	Steel (Iron Pipe Size)	Ft	$6.39
516	Livestock Pipeline	HU-Steel (Iron Pipe Size)	Ft	$7.67
516	Livestock Pipeline	Steel (Iron Pipe Size) Difficult Install	Ft	$8.69
516	Livestock Pipeline	HU-Steel (Iron Pipe Size) Difficult Install	Ft	$10.43
516	Livestock Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Ft	$1.22
516	Livestock Pipeline	HU-Surface HDPE (Iron Pipe Size & Tubing)	Ft	$1.46
516	Livestock Pipeline	Surface Steel (Iron Pipe Size)	Ft	$5.51
516	Livestock Pipeline	HU-Surface Steel (Iron Pipe Size)	Ft	$6.62
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul > 1 mile	CuYd	$10.25
520	Pond Sealing or Lining, Compacted Soil Treatment	HU- Material haul > 1 mile	CuYd	$12.30
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Covered	CuYd	$33.62
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Bentonite Treatment - Covered	CuYd	$40.35
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Uncovered	CuYd	$63.82
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Bentonite Treatment - Uncovered	CuYd	$76.58
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul < 1 mile	CuYd	$8.68
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Material haul < 1 mile	CuYd	$10.41
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Covered	CuYd	$4.48
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Soil Dispersant - Covered	CuYd	$5.37
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Uncovered	CuYd	$5.51
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Soil Dispersant - Uncovered	CuYd	$6.61
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Double Flexible Membrane, with Geoweb and drain	SqYd	$16.45
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Double Flexible Membrane, with Geoweb and drain	SqYd	$19.74

Code	Practice	Component	Units	Unit Cost
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Flexible Membrane, Covered, with liner drainage or venting	SqYd	$13.83
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Flexible Membrane, Covered, with liner drainage or venting	SqYd	$16.60
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	Flexible Membrane, Uncovered, with liner drainage or venting	SqYd	$12.69
521	Pond Sealing or Lining, Geomembrane or Geosynthetic Clay Liner	HU-Flexible Membrane, Uncovered, with liner drainage or venting	SqYd	$15.22
528	Prescribed Grazing	Habitat Management, Intensive	Ac	$7.38
528	Prescribed Grazing	HU-Habitat Management, Intensive	Ac	$8.76
528	Prescribed Grazing	Pasture, Basic	Ac	$39.45
528	Prescribed Grazing	HU-Pasture, Basic	Ac	$47.34
528	Prescribed Grazing	Pasture, Basic, Large Acres	Ac	$9.05
528	Prescribed Grazing	HU-Pasture, Basic, Large Acres	Ac	$10.86
528	Prescribed Grazing	Pasture, Deferment	Ac	$62.55
528	Prescribed Grazing	HU-Pasture, Deferment	Ac	$66.59
528	Prescribed Grazing	Pasture, Intensive	Ac	$64.13
528	Prescribed Grazing	HU-Pasture, Intensive	Ac	$76.95
528	Prescribed Grazing	Range Basic	Ac	$3.43
528	Prescribed Grazing	HU-Range Basic	Ac	$4.12
528	Prescribed Grazing	Range, Deferment	Ac	$6.87
528	Prescribed Grazing	HU-Range, Deferment	Ac	$7.31
528	Prescribed Grazing	Range, Intensive	Ac	$4.65
528	Prescribed Grazing	HU-Range, Intensive	Ac	$5.58
528	Prescribed Grazing	Targeted Grazing Brush Control	Ac	$840.48
528	Prescribed Grazing	HU-Targeted Grazing Brush Control	Ac	$1,008.58
528	Prescribed Grazing	Targeted Grazing Herbaceous Weed Control	Ac	$475.08
528	Prescribed Grazing	HU-Targeted Grazing Herbaceous Weed Control	Ac	$570.10
533	Pumping Plant	chopper manure pump	No	$7,983.83
533	Pumping Plant	HU-chopper manure pump	No	$9,580.59

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Wp_chopper manure pump	No	$9,580.59
533	Pumping Plant	Electric-Powered Pump <= 3 Hp	HP	$1,448.50
533	Pumping Plant	HU-Electric-Powered Pump <= 3 Hp	HP	$1,738.20
533	Pumping Plant	Wp_Electric-Powered Pump <= 3 Hp	HP	$1,738.20
533	Pumping Plant	Electric-Powered Pump <= 3 HP with Pressure Tank	HP	$1,710.00
533	Pumping Plant	HU-Electric-Powered Pump <= 3 HP with Pressure Tank	HP	$2,052.00
533	Pumping Plant	Wp_Electric-Powered Pump <= 3 HP with Pressure Tank	HP	$2,052.00
533	Pumping Plant	Electric-Powered Pump >10 to 40 HP	HP	$270.88
533	Pumping Plant	HU-Electric-Powered Pump >10 to 40 HP	HP	$406.32
533	Pumping Plant	Wp_Electric-Powered Pump >10 to 40 HP	HP	$487.59
533	Pumping Plant	Electric-Powered Pump >3 to 10 HP	HP	$457.59
533	Pumping Plant	HU-Electric-Powered Pump >3 to 10 HP	HP	$549.11
533	Pumping Plant	Wp_Electric-Powered Pump >3 to 10 HP	HP	$549.11
533	Pumping Plant	Electric-Powered Pump >40 HP, Centrifugal	HP	$273.25
533	Pumping Plant	HU-Electric-Powered Pump >40 HP, Centrifugal	HP	$327.90
533	Pumping Plant	Wp_Electric-Powered Pump >40 HP, Centrifugal	HP	$327.90
533	Pumping Plant	Electric-Powered Pump, <40 HP, with VFD	HP	$480.17
533	Pumping Plant	HU-Electric-Powered Pump, <40 HP, with VFD	HP	$576.20
533	Pumping Plant	Wp_Electric-Powered Pump, <40 HP, with VFD	HP	$576.20
533	Pumping Plant	Electric-Powered Pump, > or equal 40 HP, with VFD	HP	$307.61
533	Pumping Plant	HU-Electric-Powered Pump, > or equal 40 HP, with VFD	HP	$369.13
533	Pumping Plant	Wp_Electric-Powered Pump, > or equal 40 HP, with VFD	HP	$369.13
533	Pumping Plant	Internal Combustion-Powered Pump <= 7.5 HP	HP	$524.84
533	Pumping Plant	HU-Internal Combustion-Powered Pump <= 7.5 HP	HP	$629.80
533	Pumping Plant	Wp_Internal Combustion-Powered Pump <= 7.5 HP	HP	$629.80
533	Pumping Plant	Internal Combustion-Powered Pump > 7.5 to 75 HP	HP	$517.27
533	Pumping Plant	HU-Internal Combustion-Powered Pump > 7.5 to 75 HP	HP	$620.73
533	Pumping Plant	Wp_Internal Combustion-Powered Pump > 7.5 to 75 HP	HP	$620.73
533	Pumping Plant	Internal Combustion-Powered Pump > 75 HP	HP	$486.75

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	HU-Internal Combustion-Powered Pump > 75 HP	HP	$584.10
533	Pumping Plant	Wp_Internal Combustion-Powered Pump > 75 HP	HP	$584.10
533	Pumping Plant	Livestock Nose Pump	No	$1,055.01
533	Pumping Plant	HU-Livestock Nose Pump	No	$1,266.02
533	Pumping Plant	Wp_Livestock Nose Pump	No	$1,266.02
533	Pumping Plant	Piston, manure	No	$21,815.27
533	Pumping Plant	HU-Piston, manure	No	$26,178.32
533	Pumping Plant	Wp_Piston, manure	No	$26,178.32
533	Pumping Plant	Solar <1 Hp	No	$2,535.31
533	Pumping Plant	HU-Solar <1 Hp	No	$3,042.38
533	Pumping Plant	Wp_Solar <1 Hp	No	$3,042.38
533	Pumping Plant	Solar >3 Hp	No	$6,454.12
533	Pumping Plant	HU-Solar >3 Hp	No	$7,744.95
533	Pumping Plant	Wp_Solar >3 Hp	No	$7,744.95
533	Pumping Plant	Solar 1-3 Hp	No	$4,233.76
533	Pumping Plant	HU-Solar 1-3 Hp	No	$5,080.52
533	Pumping Plant	Wp_Solar 1-3 Hp	No	$5,080.52
533	Pumping Plant	Turbine, Pump Only	HP	$144.05
533	Pumping Plant	HU-Turbine, Pump Only	HP	$172.86
533	Pumping Plant	Wp_Turbine, Pump Only	HP	$172.86
533	Pumping Plant	Variable Frequency Drive only (no pump) <=15Hp	No	$1,872.10
533	Pumping Plant	HU-Variable Frequency Drive only (no pump) <=15Hp	No	$2,246.52
533	Pumping Plant	Wp_Variable Frequency Drive only (no pump) <=15Hp	No	$2,246.52
533	Pumping Plant	Variable Frequency Drive only (no pump) >15 Hp	HP	$92.02
533	Pumping Plant	HU-Variable Frequency Drive only (no pump) >15 Hp	HP	$110.42
533	Pumping Plant	Wp_Variable Frequency Drive only (no pump) >15 Hp	HP	$110.42
533	Pumping Plant	vertical manure pump, PTO	No	$22,092.30
533	Pumping Plant	HU-vertical manure pump, PTO	No	$26,510.76
533	Pumping Plant	Wp_vertical manure pump, PTO	No	$26,510.76

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Vertical Turbine Pump, Deep Well, <100 Hp	HP	$342.92
533	Pumping Plant	HU-Vertical Turbine Pump, Deep Well, <100 Hp	HP	$485.80
533	Pumping Plant	Wp_Vertical Turbine Pump, Deep Well, <100 Hp	HP	$514.38
533	Pumping Plant	Vertical Turbine Pump, Deep Well, >100 Hp	HP	$275.53
533	Pumping Plant	HU-Vertical Turbine Pump, Deep Well, >100 Hp	HP	$390.33
533	Pumping Plant	Wp_Vertical Turbine Pump, Deep Well, >100 Hp	HP	$413.29
533	Pumping Plant	Water Ram Pump	In	$1,005.44
533	Pumping Plant	HU-Water Ram Pump	In	$1,206.53
533	Pumping Plant	Wp_Water Ram Pump	In	$1,206.53
533	Pumping Plant	Windmill-Powered Pump	Ft	$817.47
533	Pumping Plant	HU-Windmill-Powered Pump	Ft	$980.96
533	Pumping Plant	Wp_Windmill-Powered Pump	Ft	$980.96
548	Grazing Land Mechanical Treatment	Pasture Treatment	Ac	$53.88
548	Grazing Land Mechanical Treatment	HU-Pasture Treatment	Ac	$64.66
550	Range Planting	Native Species Broadcast	Ac	$288.00
550	Range Planting	HU-Native Species Broadcast	Ac	$345.60
550	Range Planting	Native Species High Forb Drilled	Ac	$254.61
550	Range Planting	HU-Native Species High Forb Drilled	Ac	$305.53
550	Range Planting	Native Species Low Forb Drilled	Ac	$178.16
550	Range Planting	HU-Native Species Low Forb Drilled	Ac	$213.79
550	Range Planting	Non-Native Species Broadcast	Ac	$99.27
550	Range Planting	HU-Non-Native Species Broadcast	Ac	$119.12
550	Range Planting	NonNative Species Drilled	Ac	$93.67
550	Range Planting	HU-NonNative Species Drilled	Ac	$112.40
550	Range Planting	Shrub Plugs	Ac	$2,373.60
550	Range Planting	HU-Shrub Plugs	Ac	$2,848.31
554	Drainage Water Management	Drainage Water Management (DWM)	No	$105.26
554	Drainage Water Management	HU-Drainage Water Management (DWM)	No	$126.32
558	Roof Runoff Structure	Roof Gutter, less than 50ft in length	Ft	$17.96

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	HU-Roof Gutter, less than 50ft in length	Ft	$21.55
558	Roof Runoff Structure	Roof Gutter, small	Ft	$8.21
558	Roof Runoff Structure	HU-Roof Gutter, small	Ft	$9.85
558	Roof Runoff Structure	Tank, 1,000 gallons or less - no gutters	Gal	$1.84
558	Roof Runoff Structure	HU-Tank, 1,000 gallons or less - no gutters	Gal	$2.21
558	Roof Runoff Structure	Tank, 2,000 gallons or less, with gutters and downspouts	Gal	$2.50
558	Roof Runoff Structure	HU-Tank, 2,000 gallons or less, with gutters and downspouts	Gal	$3.00
558	Roof Runoff Structure	Tank, greater than 1,000 gallons - no gutters	Gal	$1.30
558	Roof Runoff Structure	HU-Tank, greater than 1,000 gallons - no gutters	Gal	$1.56
558	Roof Runoff Structure	Tank, Greater than 2,000 gallons, with gutters and downspouts	Gal	$0.92
558	Roof Runoff Structure	HU-Tank, Greater than 2,000 gallons, with gutters and downspouts	Gal	$1.11
560	Access Road	Erosion Control, Surfaced	Ft	$3.31
560	Access Road	HU-Erosion Control, Surfaced	Ft	$3.98
560	Access Road	Erosion Control, Unsurfaced	Ft	$1.13
560	Access Road	HU-Erosion Control, Unsurfaced	Ft	$1.36
560	Access Road	New Road, Earth, <10% Hillside Slope	Ft	$4.73
560	Access Road	HU-New Road, Earth, <10% Hillside Slope	Ft	$5.67
560	Access Road	New Road, Earth, >10% Hillside Slope	Ft	$9.18
560	Access Road	HU-New Road, Earth, >10% Hillside Slope	Ft	$11.02
560	Access Road	New Road, Surfaced, <10% Hillside Slope	Ft	$10.66
560	Access Road	HU-New Road, Surfaced, <10% Hillside Slope	Ft	$15.98
560	Access Road	New Road, Surfaced, 10%-40% Hillside Slope	Ft	$13.63
560	Access Road	HU-New Road, Surfaced, 10%-40% Hillside Slope	Ft	$20.44
560	Access Road	Rolling dip addition	Ft	$5.72
560	Access Road	HU-Rolling dip addition	Ft	$6.86
560	Access Road	Waterbar addition	Ft	$8.13
560	Access Road	HU-Waterbar addition	Ft	$9.75
561	Heavy Use Area Protection	Bituminous Concrete Pavement (Asphalt)	SqFt	$2.54
561	Heavy Use Area Protection	HU-Bituminous Concrete Pavement (Asphalt)	SqFt	$3.05

Code	Practice	Component	Units	Unit Cost
561	Heavy Use Area Protection	Non-reinforced Concrete with sand or gravel foundation	SqFt	$3.39
561	Heavy Use Area Protection	HU-Non-reinforced Concrete with sand or gravel foundation	SqFt	$4.07
561	Heavy Use Area Protection	Organic Surfacing	SqFt	$1.88
561	Heavy Use Area Protection	HU-Organic Surfacing	SqFt	$2.25
561	Heavy Use Area Protection	Reinforced Concrete	SqFt	$4.90
561	Heavy Use Area Protection	HU-Reinforced Concrete	SqFt	$6.94
561	Heavy Use Area Protection	Reinforced Concrete, Remote Location	SqFt	$5.62
561	Heavy Use Area Protection	HU-Reinforced Concrete, Remote Location	SqFt	$7.96
561	Heavy Use Area Protection	Rock/Gravel	SqFt	$0.90
561	Heavy Use Area Protection	HU-Rock/Gravel	SqFt	$1.09
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	SqFt	$1.02
561	Heavy Use Area Protection	HU-Rock/Gravel on Geotextile	SqFt	$1.22
561	Heavy Use Area Protection	Rock/Gravel Pad in Floodplain	SqFt	$4.72
561	Heavy Use Area Protection	HU-Rock/Gravel Pad in Floodplain	SqFt	$5.67
561	Heavy Use Area Protection	Rock/Gravel-GeoCell on Geotextile	SqFt	$2.89
561	Heavy Use Area Protection	HU-Rock/Gravel-GeoCell on Geotextile	SqFt	$3.47
561	Heavy Use Area Protection	Sand-topped Rock/Gravel on Geotextile	SqFt	$1.27
561	Heavy Use Area Protection	HU-Sand-topped Rock/Gravel on Geotextile	SqFt	$1.52
570	Stormwater Runoff Control	Average Slope <= 3%	Ac	$1,867.30
570	Stormwater Runoff Control	HU-Average Slope <= 3%	Ac	$2,240.76
570	Stormwater Runoff Control	Average Slope > 3%	Ac	$3,734.61
570	Stormwater Runoff Control	HU-Average Slope > 3%	Ac	$4,481.53
574	Spring Development	Spring Development with Headwall	No	$3,271.08
574	Spring Development	HU-Spring Development with Headwall	No	$3,925.29
574	Spring Development	Spring Development without Headwall	No	$2,062.19
574	Spring Development	HU-Spring Development without Headwall	No	$2,474.63
575	Trails and Walkways	Trail, Unsurfaced, Level Terrain	SqFt	$0.22
575	Trails and Walkways	HU-Trail, Unsurfaced, Level Terrain	SqFt	$0.27
575	Trails and Walkways	Trail, Unsurfaced, Sloping Terrain	SqFt	$0.34

Code	Practice	Component	Units	Unit Cost
575	Trails and Walkways	HU-Trail, Unsurfaced, Sloping Terrain	SqFt	$0.41
578	Stream Crossing	Bridge, Manufactured	Ft	$1,775.21
578	Stream Crossing	HU-Bridge, Manufactured	Ft	$2,130.25
578	Stream Crossing	Bridge, Manufactured for Livestock/Pedestrians	Lnft	$508.08
578	Stream Crossing	HU-Bridge, Manufactured for Livestock/Pedestrians	Lnft	$609.70
578	Stream Crossing	Bridge, Manufactured, Foundation Modification	Ft	$2,081.59
578	Stream Crossing	HU-Bridge, Manufactured, Foundation Modification	Ft	$2,497.91
578	Stream Crossing	Culvert, < 3 ft diameter	Ft	$343.80
578	Stream Crossing	HU-Culvert, < 3 ft diameter	Ft	$412.56
578	Stream Crossing	Culvert, >6 ft diameter	Ft	$427.90
578	Stream Crossing	HU-Culvert, >6 ft diameter	Ft	$513.48
578	Stream Crossing	Culvert, >6 ft diameter, Foundation Modification	Ft	$566.78
578	Stream Crossing	HU-Culvert, >6 ft diameter, Foundation Modification	Ft	$680.14
578	Stream Crossing	Culvert, 3-6 ft diameter	Ft	$373.84
578	Stream Crossing	HU-Culvert, 3-6 ft diameter	Ft	$448.61
578	Stream Crossing	Low water crossing, Hard armor	SqFt	$17.82
578	Stream Crossing	HU-Low water crossing, Hard armor	SqFt	$21.38
578	Stream Crossing	Low water crossing, Prefabricated products	SqFt	$18.64
578	Stream Crossing	HU-Low water crossing, Prefabricated products	SqFt	$22.37
580	Streambank and Shoreline Protection	Bioengineered	Ft	$32.18
580	Streambank and Shoreline Protection	HU-Bioengineered	Ft	$38.62
580	Streambank and Shoreline Protection	Bioengineered w/ Logs	Ft	$109.09
580	Streambank and Shoreline Protection	HU-Bioengineered w/ Logs	Ft	$130.91
580	Streambank and Shoreline Protection	Boiengineered, rock toe	Ft	$82.50
580	Streambank and Shoreline Protection	HU-Boiengineered, rock toe	Ft	$99.00
580	Streambank and Shoreline Protection	Large Wood Structure with rock toe	Ft	$341.45
580	Streambank and Shoreline Protection	HU-Large Wood Structure with rock toe	Ft	$409.74
580	Streambank and Shoreline Protection	Large Wood Structures	Ft	$178.12
580	Streambank and Shoreline Protection	HU-Large Wood Structures	Ft	$213.75

Code	Practice	Component	Units	Unit Cost
580	Streambank and Shoreline Protection	Log Matrix	Ft	$359.73
580	Streambank and Shoreline Protection	HU-Log Matrix	Ft	$431.68
580	Streambank and Shoreline Protection	Rock Rip Rap, Large	Ft	$87.34
580	Streambank and Shoreline Protection	HU-Rock Rip Rap, Large	Ft	$104.81
580	Streambank and Shoreline Protection	Rock Rip Rap, Small	Ft	$69.77
580	Streambank and Shoreline Protection	HU-Rock Rip Rap, Small	Ft	$83.72
582	Open Channel	Excavation and Fill, Difficult conditions	CuYd	$2.15
582	Open Channel	HU-Excavation and Fill, Difficult conditions	CuYd	$4.30
582	Open Channel	Excavation and Fill, Normal conditions	CuYd	$1.84
582	Open Channel	HU-Excavation and Fill, Normal conditions	CuYd	$3.68
582	Open Channel	Excavation, Difficult conditions	CuYd	$3.01
582	Open Channel	HU-Excavation, Difficult conditions	CuYd	$3.61
582	Open Channel	Excavation, Fill removal	CuYd	$3.41
582	Open Channel	HU-Excavation, Fill removal	CuYd	$6.83
582	Open Channel	Excavation, Normal conditions	CuYd	$2.08
582	Open Channel	HU-Excavation, Normal conditions	CuYd	$2.49
582	Open Channel	Extreme Road Fill	CuYd	$19.07
582	Open Channel	HU-Extreme Road Fill	CuYd	$22.88
582	Open Channel	Wetland channel construction	CuYd	$2.83
582	Open Channel	HU-Wetland channel construction	CuYd	$5.66
584	Channel Bed Stabilization	Channel Spanning log jams	CuYd	$40.61
584	Channel Bed Stabilization	HU-Channel Spanning log jams	CuYd	$48.73
584	Channel Bed Stabilization	Log Weirs	No	$5,447.89
584	Channel Bed Stabilization	HU-Log Weirs	No	$6,537.46
584	Channel Bed Stabilization	Rock Structure	No	$9,752.60
584	Channel Bed Stabilization	HU-Rock Structure	No	$11,703.12
584	Channel Bed Stabilization	Roughened Channel	SqFt	$17.49
584	Channel Bed Stabilization	HU-Roughened Channel	SqFt	$20.99
584	Channel Bed Stabilization	Spawning Riffles	SqFt	$20.28

Code	Practice	Component	Units	Unit Cost
584	Channel Bed Stabilization	HU-Spawning Riffles	SqFt	$24.33
585	Stripcropping	Stripcropping - wind and water erosion	Ac	$1.48
585	Stripcropping	HU-Stripcropping - wind and water erosion	Ac	$1.78
587	Structure for Water Control	Cast-iron Screw Gate	Ft	$3,242.96
587	Structure for Water Control	HU-Cast-iron Screw Gate	Ft	$3,891.56
587	Structure for Water Control	Wp_Cast-iron Screw Gate	Ft	$3,891.56
587	Structure for Water Control	CMP Turnout	No	$611.15
587	Structure for Water Control	HU-CMP Turnout	No	$733.38
587	Structure for Water Control	Wp_CMP Turnout	No	$733.38
587	Structure for Water Control	Commercial Inline Flashboard Riser	DiaInFt	$8.68
587	Structure for Water Control	HU-Commercial Inline Flashboard Riser	DiaInFt	$10.42
587	Structure for Water Control	Wp_Commercial Inline Flashboard Riser	DiaInFt	$10.42
587	Structure for Water Control	Concrete Turnout Structure, Large	No	$2,815.59
587	Structure for Water Control	HU-Concrete Turnout Structure, Large	No	$3,378.71
587	Structure for Water Control	Wp_Concrete Turnout Structure, Large	No	$3,378.71
587	Structure for Water Control	Concrete Turnout Structure, Small	No	$1,215.34
587	Structure for Water Control	HU-Concrete Turnout Structure, Small	No	$1,458.41
587	Structure for Water Control	Wp_Concrete Turnout Structure, Small	No	$1,458.41
587	Structure for Water Control	Culvert <30 inches CMP	DiaInFt	$2.15
587	Structure for Water Control	HU-Culvert <30 inches CMP	DiaInFt	$2.58
587	Structure for Water Control	Wp_Culvert <30 inches CMP	DiaInFt	$2.58
587	Structure for Water Control	Culvert <30 inches HDPE	DiaInFt	$1.91
587	Structure for Water Control	HU-Culvert <30 inches HDPE	DiaInFt	$2.29
587	Structure for Water Control	Wp_Culvert <30 inches HDPE	DiaInFt	$2.29
587	Structure for Water Control	Culvert, <30 inches, CMP, Diverted Flow	DiaInFt	$7.77
587	Structure for Water Control	HU-Culvert, <30 inches, CMP, Diverted Flow	DiaInFt	$9.32
587	Structure for Water Control	Wp_Culvert, <30 inches, CMP, Diverted Flow	DiaInFt	$9.32
587	Structure for Water Control	Culvert, <30 inches, HDPE, Diverted Flow	DiaInFt	$7.53
587	Structure for Water Control	HU-Culvert, <30 inches, HDPE, Diverted Flow	DiaInFt	$9.04

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Wp_Culvert, <30 inches, HDPE, Diverted Flow	DiaInFt	$9.04
587	Structure for Water Control	Culvert, >= 30 inches, CMP	DiaInFt	$5.85
587	Structure for Water Control	HU-Culvert, >= 30 inches, CMP	DiaInFt	$7.02
587	Structure for Water Control	Wp_Culvert, >= 30 inches, CMP	DiaInFt	$7.02
587	Structure for Water Control	Culvert, >= 30 inches, HDPE	DiaInFt	$6.72
587	Structure for Water Control	HU-Culvert, >= 30 inches, HDPE	DiaInFt	$8.07
587	Structure for Water Control	Wp_Culvert, >= 30 inches, HDPE	DiaInFt	$8.07
587	Structure for Water Control	Fish screen, Horizontal Flat Plate	cfs	$4,478.59
587	Structure for Water Control	HU-Fish screen, Horizontal Flat Plate	cfs	$5,374.30
587	Structure for Water Control	Wp_Fish screen, Horizontal Flat Plate	cfs	$5,374.30
587	Structure for Water Control	Fish screen, irrigation type, <1 cfs	cfs	$1,846.90
587	Structure for Water Control	HU-Fish screen, irrigation type, <1 cfs	cfs	$2,216.28
587	Structure for Water Control	Wp_Fish screen, irrigation type, <1 cfs	cfs	$2,216.28
587	Structure for Water Control	Fish screen, irrigation type, >6 cfs	cfs	$1,635.18
587	Structure for Water Control	HU-Fish screen, irrigation type, >6 cfs	cfs	$1,962.22
587	Structure for Water Control	Wp_Fish screen, irrigation type, >6 cfs	cfs	$1,962.22
587	Structure for Water Control	Fish screen, irrigation type, 1-3 cfs	cfs	$1,729.46
587	Structure for Water Control	HU-Fish screen, irrigation type, 1-3 cfs	cfs	$2,075.35
587	Structure for Water Control	Wp_Fish screen, irrigation type, 1-3 cfs	cfs	$2,075.35
587	Structure for Water Control	Fish screen, irrigation type, 3-6 cfs	cfs	$1,652.29
587	Structure for Water Control	HU-Fish screen, irrigation type, 3-6 cfs	cfs	$1,982.74
587	Structure for Water Control	Wp_Fish screen, irrigation type, 3-6 cfs	cfs	$1,982.74
587	Structure for Water Control	Flap Gate	Ft	$2,875.23
587	Structure for Water Control	HU-Flap Gate	Ft	$3,450.28
587	Structure for Water Control	Wp_Flap Gate	Ft	$3,450.28
587	Structure for Water Control	Flap Gate w/ Concrete Wall	CuYd	$1,591.34
587	Structure for Water Control	HU-Flap Gate w/ Concrete Wall	CuYd	$1,909.61
587	Structure for Water Control	Wp_Flap Gate w/ Concrete Wall	CuYd	$1,909.61
587	Structure for Water Control	Flashboard Riser, Metal	DiaInFt	$6.71

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	HU-Flashboard Riser, Metal	DiaInFt	$8.06
587	Structure for Water Control	Wp_Flashboard Riser, Metal	DiaInFt	$8.06
587	Structure for Water Control	Flow Meter with Electronic Index	In	$211.03
587	Structure for Water Control	HU-Flow Meter with Electronic Index	In	$253.23
587	Structure for Water Control	Wp_Flow Meter with Electronic Index	In	$253.23
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	$306.90
587	Structure for Water Control	HU-Flow Meter with Electronic Index & Telemetry	In	$368.28
587	Structure for Water Control	Wp_Flow Meter with Electronic Index & Telemetry	In	$368.28
587	Structure for Water Control	Flow Meter with Mechanical Index	In	$114.14
587	Structure for Water Control	HU-Flow Meter with Mechanical Index	In	$136.97
587	Structure for Water Control	Wp_Flow Meter with Mechanical Index	In	$136.97
587	Structure for Water Control	Forest road cross drain, HDPE <= 30 inches diameter	DiaInFt	$1.43
587	Structure for Water Control	HU-Forest road cross drain, HDPE <= 30 inches diameter	DiaInFt	$1.72
587	Structure for Water Control	Wp_Forest road cross drain, HDPE <= 30 inches diameter	DiaInFt	$1.72
587	Structure for Water Control	Paddlewheel Screen	cfs	$10,648.41
587	Structure for Water Control	HU-Paddlewheel Screen	cfs	$12,778.09
587	Structure for Water Control	Wp_Paddlewheel Screen	cfs	$12,778.09
587	Structure for Water Control	Recycled Water Connection	No	$4,188.42
587	Structure for Water Control	HU-Recycled Water Connection	No	$5,026.11
587	Structure for Water Control	Wp_Recycled Water Connection	No	$5,026.11
587	Structure for Water Control	Reinforced Concrete Structure	CuYd	$501.25
587	Structure for Water Control	HU-Reinforced Concrete Structure	CuYd	$601.50
587	Structure for Water Control	Wp_Reinforced Concrete Structure	CuYd	$601.50
587	Structure for Water Control	Rock Checks for Water Surface Profile	Ton	$190.40
587	Structure for Water Control	HU-Rock Checks for Water Surface Profile	Ton	$228.48
587	Structure for Water Control	Wp_Rock Checks for Water Surface Profile	Ton	$228.48
587	Structure for Water Control	Rotating Drum Screen	cfs	$2,644.61
587	Structure for Water Control	HU-Rotating Drum Screen	cfs	$3,173.53
587	Structure for Water Control	Wp_Rotating Drum Screen	cfs	$3,173.53

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Self Regulating Tidegate	Ft	$15,693.19
587	Structure for Water Control	HU-Self Regulating Tidegate	Ft	$18,831.82
587	Structure for Water Control	Wp_Self Regulating Tidegate	Ft	$18,831.82
587	Structure for Water Control	Slide gate	Ft	$546.79
587	Structure for Water Control	HU-Slide gate	Ft	$656.15
587	Structure for Water Control	Wp_Slide gate	Ft	$656.15
587	Structure for Water Control	V-Notch Gate Valve	No	$233.73
587	Structure for Water Control	HU-V-Notch Gate Valve	No	$280.48
587	Structure for Water Control	Wp_V-Notch Gate Valve	No	$280.48
589C	Cross Wind Trap Strips	Cross Wind Trap Strips, Introduced Perennials	Ac	$161.85
589C	Cross Wind Trap Strips	HU-Cross Wind Trap Strips, Introduced Perennials	Ac	$194.22
589C	Cross Wind Trap Strips	Cross Wind Trap Strips, Native Perennials	Ac	$180.74
589C	Cross Wind Trap Strips	HU-Cross Wind Trap Strips, Native Perennials	Ac	$216.89
590	Nutrient Management	Adaptive NM	No	$2,254.57
590	Nutrient Management	HU-Adaptive NM	No	$2,705.49
590	Nutrient Management	Wp_Adaptive NM	No	$2,705.49
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	$7.58
590	Nutrient Management	HU-Basic NM (Non-Organic/Organic)	Ac	$9.09
590	Nutrient Management	Wp_Basic NM (Non-Organic/Organic)	Ac	$9.09
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	$15.88
590	Nutrient Management	HU-Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	$19.06
590	Nutrient Management	Wp_Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	$19.06
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	Ac	$27.46
590	Nutrient Management	HU-Basic NM with Manure Injection or Incorporation	Ac	$32.95
590	Nutrient Management	Wp_Basic NM with Manure Injection or Incorporation	Ac	$32.95
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	Ac	$41.78
590	Nutrient Management	HU-Basic Precision NM (Non-Organic/Organic)	Ac	$50.13
590	Nutrient Management	Wp_Basic Precision NM (Non-Organic/Organic)	Ac	$50.13
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	No	$237.68

Code	Practice	Component	Units	Unit Cost
590	Nutrient Management	HU-Small Farm NM (Non-Organic/Organic)	No	$285.21
590	Nutrient Management	Wp_Small Farm NM (Non-Organic/Organic)	No	$285.21
590	Nutrient Management	Small Farm, Diversified Crops	No	$795.42
590	Nutrient Management	HU-Small Farm, Diversified Crops	No	$954.50
590	Nutrient Management	Wp_Small Farm, Diversified Crops	No	$954.50
592	Feed Management	Animal Group	No	$3,141.54
592	Feed Management	HU-Animal Group	No	$3,769.85
592	Feed Management	Cow Dairy, Large	AU	$3.29
592	Feed Management	HU-Cow Dairy, Large	AU	$3.95
592	Feed Management	Dairy, Small	AU	$28.48
592	Feed Management	HU-Dairy, Small	AU	$34.17
592	Feed Management	Feed Additive	AU	$50.13
592	Feed Management	HU-Feed Additive	AU	$60.16
595	Pest Management Conservation System	Pest Management Precision Ag	Ac	$50.54
595	Pest Management Conservation System	HU-Pest Management Precision Ag	Ac	$60.64
595	Pest Management Conservation System	Plant Health PAMS (acs) High Labor and materials	Ac	$282.90
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) High Labor and materials	Ac	$339.48
595	Pest Management Conservation System	Plant Health PAMS (acs) High labor only (intensive scouting etc.)	Ac	$39.28
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) High labor only (intensive scouting etc.)	Ac	$47.13
595	Pest Management Conservation System	Plant Health PAMS (acs) High Labor, materials and mitigation.	Ac	$326.92
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) High Labor, materials and mitigation.	Ac	$392.30
595	Pest Management Conservation System	Plant Health PAMS (acs) Low Labor and Materials	Ac	$17.86
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) Low Labor and Materials	Ac	$21.43
595	Pest Management Conservation System	Plant Health PAMS (acs) Low labor only	Ac	$12.60
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) Low labor only	Ac	$15.12
595	Pest Management Conservation System	Plant Health PAMS (acs) Low Labor, materials and mitigation.	Ac	$49.88
595	Pest Management Conservation System	HU-Plant Health PAMS (acs) Low Labor, materials and mitigation.	Ac	$59.86
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor and mitigation.	No	$1,534.31
595	Pest Management Conservation System	HU-Plant health PAMS (Small Farm - each) labor and mitigation.	No	$1,841.18

Code	Practice	Component	Units	Unit Cost
595	Pest Management Conservation System	Plant health PAMS (Small Farm - each) labor only	No	$470.87
595	Pest Management Conservation System	HU-Plant health PAMS (Small Farm - each) labor only	No	$565.05
595	Pest Management Conservation System	Plant Health PAMS activities (Small Farm - each) labor and materials	No	$3,648.31
595	Pest Management Conservation System	HU-Plant Health PAMS activities (Small Farm - each) labor and materials	No	$4,377.97
595	Pest Management Conservation System	Plant Health PAMS activities (Small Farm - each) labor, materials and mitigation.	No	$5,865.30
595	Pest Management Conservation System	HU-Plant Health PAMS activities (Small Farm - each) labor, materials and mitigation.	No	$7,038.36
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$32.86
595	Pest Management Conservation System	HU-Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$39.43
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$1,006.62
595	Pest Management Conservation System	HU-Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$1,207.94
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$57.53
595	Pest Management Conservation System	HU-Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$69.04
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$1,656.86
595	Pest Management Conservation System	HU-Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$1,988.23
600	Terrace	5 to 1 & 2 to 1	Ft	$0.93
600	Terrace	HU-5 to 1 & 2 to 1	Ft	$1.11
600	Terrace	Broadbased	Ft	$1.57
600	Terrace	HU-Broadbased	Ft	$1.88
600	Terrace	Flat Channel	Ft	$2.58
600	Terrace	HU-Flat Channel	Ft	$3.10
600	Terrace	Narrow Base < 8%	Ft	$1.14
600	Terrace	HU-Narrow Base < 8%	Ft	$1.37
600	Terrace	Narrow Base > 8%	Ft	$1.24
600	Terrace	HU-Narrow Base > 8%	Ft	$1.49
601	Vegetative Barrier	Seeded Barrier	Ft	$0.14

Code	Practice	Component	Units	Unit Cost
601	Vegetative Barrier	HU-Seeded Barrier	Ft	$0.16
601	Vegetative Barrier	Vegetative Planting	Ft	$0.79
601	Vegetative Barrier	HU-Vegetative Planting	Ft	$0.95
603	Herbaceous Wind Barriers	Cool Season Annual/Perennial Species	Lnft	$0.07
603	Herbaceous Wind Barriers	HU-Cool Season Annual/Perennial Species	Lnft	$0.09
603	Herbaceous Wind Barriers	Small Farm Herbaceous Barrier	Ft	$0.24
603	Herbaceous Wind Barriers	HU-Small Farm Herbaceous Barrier	Ft	$0.28
605	Denitrifying Bioreactor	Denitrifying Bioreactor	CuYd	$58.46
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor	CuYd	$70.16
605	Denitrifying Bioreactor	Denitrifying Bioreactor, No Liner	CuYd	$56.58
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor, No Liner	CuYd	$67.89
606	Subsurface Drain	Single-Wall Pipe, <= 6 inch	Lb	$5.63
606	Subsurface Drain	HU-Single-Wall Pipe, <= 6 inch	Lb	$6.76
606	Subsurface Drain	Single-Wall Pipe, <= 6 inch, Enveloped	Lb	$7.23
606	Subsurface Drain	HU-Single-Wall Pipe, <= 6 inch, Enveloped	Lb	$8.68
606	Subsurface Drain	Single-Wall Pipe, >= 8 inch	Lb	$2.50
606	Subsurface Drain	HU-Single-Wall Pipe, >= 8 inch	Lb	$3.00
606	Subsurface Drain	Twin-Wall Pipe, >= 8 inch	Lb	$3.08
606	Subsurface Drain	HU-Twin-Wall Pipe, >= 8 inch	Lb	$3.69
607	Surface Drain, Field Ditch	Drainage Ditch, <=3ft deep	Ft	$2.41
607	Surface Drain, Field Ditch	HU-Drainage Ditch, <=3ft deep	Ft	$2.89
607	Surface Drain, Field Ditch	Drainage Ditch, >3ft deep	CuYd	$1.95
607	Surface Drain, Field Ditch	HU-Drainage Ditch, >3ft deep	CuYd	$2.33
608	Surface Drain, Main or Lateral	Main or Lateral Drainage Ditch	CuYd	$2.14
608	Surface Drain, Main or Lateral	HU-Main or Lateral Drainage Ditch	CuYd	$2.57
610	Salinity and Sodic Soil Management	Mgmt, gyp > 8 ton/ac	Ac	$340.69
610	Salinity and Sodic Soil Management	HU-Mgmt, gyp > 8 ton/ac	Ac	$408.83
610	Salinity and Sodic Soil Management	Mgmt, gyp >4 to 8 ton/ac	Ac	$245.28
610	Salinity and Sodic Soil Management	HU-Mgmt, gyp >4 to 8 ton/ac	Ac	$294.34

Code	Practice	Component	Units	Unit Cost
610	Salinity and Sodic Soil Management	Mgmt, gyp 1 to 4 ton/ac	Ac	$126.03
610	Salinity and Sodic Soil Management	HU-Mgmt, gyp 1 to 4 ton/ac	Ac	$151.23
610	Salinity and Sodic Soil Management	Soil Management (non-Irrigated)	Ac	$15.20
610	Salinity and Sodic Soil Management	HU-Soil Management (non-Irrigated)	Ac	$18.24
610	Salinity and Sodic Soil Management	Soil Management (Irrigated)	Ac	$16.25
610	Salinity and Sodic Soil Management	HU-Soil Management (Irrigated)	Ac	$19.51
612	Tree/Shrub Establishment	Conservation, 1 gal pots, Hand planting, Per seedling	No	$6.80
612	Tree/Shrub Establishment	HU-Conservation, 1 gal pots, Hand planting, Per seedling	No	$9.63
612	Tree/Shrub Establishment	Pr_Conservation, 1 gal pots, Hand planting, Per seedling	No	$10.19
612	Tree/Shrub Establishment	Conservation, 1 gal pots, Hand planting, Per seedling, Protected	No	$25.41
612	Tree/Shrub Establishment	HU-Conservation, 1 gal pots, Hand planting, Per seedling, Protected	No	$35.19
612	Tree/Shrub Establishment	Pr_Conservation, 1 gal pots, Hand planting, Per seedling, Protected	No	$35.19
612	Tree/Shrub Establishment	Conservation, Hand Planting	Ac	$260.49
612	Tree/Shrub Establishment	HU-Conservation, Hand Planting	Ac	$312.58
612	Tree/Shrub Establishment	Pr_Conservation, Hand Planting	Ac	$312.58
612	Tree/Shrub Establishment	Conservation, Hand Planting, Browse protection	Ac	$475.73
612	Tree/Shrub Establishment	HU-Conservation, Hand Planting, Browse protection	Ac	$673.95
612	Tree/Shrub Establishment	Pr_Conservation, Hand Planting, Browse protection	Ac	$713.59
612	Tree/Shrub Establishment	Conservation, Naturally occurring seedlings, Protected	No	$17.98
612	Tree/Shrub Establishment	HU-Conservation, Naturally occurring seedlings, Protected	No	$21.58
612	Tree/Shrub Establishment	Pr_Conservation, Naturally occurring seedlings, Protected	No	$21.58
612	Tree/Shrub Establishment	Floodplain Living Tree Fence	Ac	$15,324.53
612	Tree/Shrub Establishment	HU-Floodplain Living Tree Fence	Ac	$18,389.44
612	Tree/Shrub Establishment	Pr_Floodplain Living Tree Fence	Ac	$18,389.44
612	Tree/Shrub Establishment	Floodplain Stabilization	Ac	$4,288.75
612	Tree/Shrub Establishment	HU-Floodplain Stabilization	Ac	$5,146.50
612	Tree/Shrub Establishment	Pr_Floodplain Stabilization	Ac	$5,146.50
612	Tree/Shrub Establishment	Native Seed, Hand Plant	Ac	$527.76
612	Tree/Shrub Establishment	HU-Native Seed, Hand Plant	Ac	$747.66

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	Pr_Native Seed, Hand Plant	Ac	$791.64
612	Tree/Shrub Establishment	Reforestation, <1 ac, Hand planting, Per Tree	No	$1.57
612	Tree/Shrub Establishment	HU-Reforestation, <1 ac, Hand planting, Per Tree	No	$2.23
612	Tree/Shrub Establishment	Pr_Reforestation, <1 ac, Hand planting, Per Tree	No	$2.36
612	Tree/Shrub Establishment	Reforestation, <1 ac., Hand planting, Browse protection, Per Tree	No	$2.60
612	Tree/Shrub Establishment	HU-Reforestation, <1 ac., Hand planting, Browse protection, Per Tree	No	$3.68
612	Tree/Shrub Establishment	Pr_Reforestation, <1 ac., Hand planting, Browse protection, Per Tree	No	$3.89
612	Tree/Shrub Establishment	Reforestation, 1 acre or more, Hand planting	Ac	$470.90
612	Tree/Shrub Establishment	HU-Reforestation, 1 acre or more, Hand planting	Ac	$565.08
612	Tree/Shrub Establishment	Pr_Reforestation, 1 acre or more, Hand planting	Ac	$565.08
612	Tree/Shrub Establishment	Reforestation, 1 acre or more, Hand planting, Protected	Ac	$776.00
612	Tree/Shrub Establishment	HU-Reforestation, 1 acre or more, Hand planting, Protected	Ac	$931.20
612	Tree/Shrub Establishment	Pr_Reforestation, 1 acre or more, Hand planting, Protected	Ac	$931.20
614	Watering Facility	Above Ground Storage Tank	Gal	$1.05
614	Watering Facility	HU-Above Ground Storage Tank	Gal	$1.26
614	Watering Facility	Below Ground Storage Tank	Gal	$2.12
614	Watering Facility	HU-Below Ground Storage Tank	Gal	$2.54
614	Watering Facility	Bottomless Steel Tank w/o Liner	Gal	$1.46
614	Watering Facility	HU-Bottomless Steel Tank w/o Liner	Gal	$1.75
614	Watering Facility	Bottomless Steel Tank with liner	Gal	$0.81
614	Watering Facility	HU-Bottomless Steel Tank with liner	Gal	$0.97
614	Watering Facility	Frost Free Trough	Gal	$26.82
614	Watering Facility	HU-Frost Free Trough	Gal	$32.18
614	Watering Facility	Remote Stock Trough	Gal	$4.39
614	Watering Facility	HU-Remote Stock Trough	Gal	$5.27
614	Watering Facility	Stock Trough, >300 to 600 gal	Gal	$3.40
614	Watering Facility	HU-Stock Trough, >300 to 600 gal	Gal	$4.09
614	Watering Facility	Stock Trough, >600 gal	Gal	$2.09
614	Watering Facility	HU-Stock Trough, >600 gal	Gal	$2.50

Code	Practice	Component	Units	Unit Cost
614	Watering Facility	Stock Trough, 300 gal or less	Gal	$5.07
614	Watering Facility	HU-Stock Trough, 300 gal or less	Gal	$6.09
614	Watering Facility	Tire Trough	Gal	$1.76
614	Watering Facility	HU-Tire Trough	Gal	$2.11
620	Underground Outlet	Catch Basin and outlet pipe >70 inch	Ft	$305.89
620	Underground Outlet	HU-Catch Basin and outlet pipe >70 inch	Ft	$367.07
620	Underground Outlet	Catch Basin with outlet pipe >24-30 inch	Ft	$41.21
620	Underground Outlet	HU-Catch Basin with outlet pipe >24-30 inch	Ft	$49.45
620	Underground Outlet	Catch Basin with outlet pipe >24-30 inch, Complex Install	Ft	$43.84
620	Underground Outlet	HU-Catch Basin with outlet pipe >24-30 inch, Complex Install	Ft	$52.60
620	Underground Outlet	Catch Basin with outlet pipe >30-70 inch	Ft	$57.54
620	Underground Outlet	HU-Catch Basin with outlet pipe >30-70 inch	Ft	$69.05
620	Underground Outlet	Catch Basin with outlet pipe >30-70 inch, Complex Install	Ft	$62.90
620	Underground Outlet	HU-Catch Basin with outlet pipe >30-70 inch, Complex Install	Ft	$75.48
620	Underground Outlet	Outlet Pipe <=6 inch	Ft	$5.50
620	Underground Outlet	HU-Outlet Pipe <=6 inch	Ft	$6.60
620	Underground Outlet	Outlet Pipe <=6 inch, Complex Install	Ft	$6.29
620	Underground Outlet	HU-Outlet Pipe <=6 inch, Complex Install	Ft	$7.55
620	Underground Outlet	Outlet Pipe <=6 inch, Imported Fill	Ft	$10.99
620	Underground Outlet	HU-Outlet Pipe <=6 inch, Imported Fill	Ft	$13.19
620	Underground Outlet	Outlet Pipe >12-18 inch	Ft	$16.51
620	Underground Outlet	HU-Outlet Pipe >12-18 inch	Ft	$19.82
620	Underground Outlet	Outlet Pipe >12-18 inch, Complex Install	Ft	$18.05
620	Underground Outlet	HU-Outlet Pipe >12-18 inch, Complex Install	Ft	$21.66
620	Underground Outlet	Outlet Pipe >12-18 inch, Imported Fill	Ft	$22.05
620	Underground Outlet	HU-Outlet Pipe >12-18 inch, Imported Fill	Ft	$26.46
620	Underground Outlet	Outlet Pipe >18-24 inch	Ft	$25.94
620	Underground Outlet	HU-Outlet Pipe >18-24 inch	Ft	$31.13
620	Underground Outlet	Outlet Pipe >18-24 inch, Complex Install	Ft	$28.01

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	HU-Outlet Pipe >18-24 inch, Complex Install	Ft	$33.61
620	Underground Outlet	Outlet Pipe >18-24 inch, Imported fill	Ft	$31.75
620	Underground Outlet	HU-Outlet Pipe >18-24 inch, Imported fill	Ft	$38.10
620	Underground Outlet	Outlet Pipe >24-30 inch	Ft	$34.87
620	Underground Outlet	HU-Outlet Pipe >24-30 inch	Ft	$41.84
620	Underground Outlet	Outlet Pipe >24-30 inch, complex installation	Ft	$37.50
620	Underground Outlet	HU-Outlet Pipe >24-30 inch, complex installation	Ft	$45.00
620	Underground Outlet	Outlet Pipe >30 inch	Ft	$63.62
620	Underground Outlet	HU-Outlet Pipe >30 inch	Ft	$76.34
620	Underground Outlet	Outlet Pipe >30 inch, Complex Install	Ft	$65.97
620	Underground Outlet	HU-Outlet Pipe >30 inch, Complex Install	Ft	$79.17
620	Underground Outlet	Outlet Pipe >6-12 inch	Ft	$7.43
620	Underground Outlet	HU-Outlet Pipe >6-12 inch	Ft	$8.92
620	Underground Outlet	Outlet Pipe >6-12 inch, Complex Install	Ft	$8.41
620	Underground Outlet	HU-Outlet Pipe >6-12 inch, Complex Install	Ft	$10.09
620	Underground Outlet	Outlet Pipe >6-12 inch, Imported Fill	Ft	$12.97
620	Underground Outlet	HU-Outlet Pipe >6-12 inch, Imported Fill	Ft	$15.57
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe <=6 inch	Ft	$10.19
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe <=6 inch	Ft	$12.23
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe <=6 inch, Complex Install	Ft	$10.97
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe <=6 inch, Complex Install	Ft	$13.17
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >12-18 inch	Ft	$21.45
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >12-18 inch	Ft	$25.74
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >12-18 inch, Complex Install	Ft	$22.99
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >12-18 inch, Complex Install	Ft	$27.58
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >18-24 inch	Ft	$30.50
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >18-24 inch	Ft	$36.59
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >18-24 inch, Complex Install	Ft	$32.03
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >18-24 inch, Complex Install	Ft	$38.44

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >6-12 inch	Ft	$12.38
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >6-12 inch	Ft	$14.85
620	Underground Outlet	Rock-lined Catch Basin with outlet pipe >6-12 inch, Complex Install	Ft	$13.36
620	Underground Outlet	HU-Rock-lined Catch Basin with outlet pipe >6-12 inch, Complex Install	Ft	$16.03
629	Waste Treatment	Wastewater Treatment System -High Levels	GPM	$527.25
629	Waste Treatment	HU-Wastewater Treatment System -High Levels	GPM	$632.70
630	Vertical Drain	Drywell	Ft	$16.33
630	Vertical Drain	HU-Drywell	Ft	$19.59
632	Waste Separation Facility	Concrete Sand Settling Lane	SqFt	$5.83
632	Waste Separation Facility	HU-Concrete Sand Settling Lane	SqFt	$8.26
632	Waste Separation Facility	Separator, Screw or Roller Press	No	$32,899.91
632	Waste Separation Facility	HU-Separator, Screw or Roller Press	No	$39,479.89
632	Waste Separation Facility	Separator, Sloped Screen	No	$29,191.19
632	Waste Separation Facility	HU-Separator, Sloped Screen	No	$35,029.42
632	Waste Separation Facility	Separator, Two Stage Unit	No	$53,125.39
632	Waste Separation Facility	HU-Separator, Two Stage Unit	No	$63,750.47
632	Waste Separation Facility	Separator, Vibratory or Rotating Screen	No	$32,385.97
632	Waste Separation Facility	HU-Separator, Vibratory or Rotating Screen	No	$38,863.17
633	Waste Recycling	Export Ag Waste By-products Recycled for Use Off Farm	No	$384.24
633	Waste Recycling	HU-Export Ag Waste By-products Recycled for Use Off Farm	No	$461.09
634	Waste Transfer	30 inch diameter Double Wall Gravity Pipe	Ft	$81.68
634	Waste Transfer	HU-30 inch diameter Double Wall Gravity Pipe	Ft	$98.01
634	Waste Transfer	Agitator-large	No	$7,982.12
634	Waste Transfer	HU-Agitator-large	No	$9,578.55
634	Waste Transfer	Agitator-medium	No	$7,329.33
634	Waste Transfer	HU-Agitator-medium	No	$8,795.20
634	Waste Transfer	Agitator-small	No	$6,451.14
634	Waste Transfer	HU-Agitator-small	No	$7,741.36
634	Waste Transfer	Catch Basin with 30 inch diameter double wall gravity pipe	Ft	$114.00

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	HU-Catch Basin with 30 inch diameter double wall gravity pipe	Ft	$136.79
634	Waste Transfer	Collection Slab Regrade	SqFt	$4.16
634	Waste Transfer	HU-Collection Slab Regrade	SqFt	$6.24
634	Waste Transfer	Collection Slab Regrade, Remote Location	SqFt	$6.80
634	Waste Transfer	HU-Collection Slab Regrade, Remote Location	SqFt	$8.16
634	Waste Transfer	Concrete Channel	SqFt	$7.40
634	Waste Transfer	HU-Concrete Channel	SqFt	$11.10
634	Waste Transfer	Conveyor belt	Ft	$23.81
634	Waste Transfer	HU-Conveyor belt	Ft	$28.57
634	Waste Transfer	Directional Drilling	Ft	$116.10
634	Waste Transfer	HU-Directional Drilling	Ft	$139.32
634	Waste Transfer	HDPE Pipe, greater than 6 inch dia.	Lb	$2.18
634	Waste Transfer	HU-HDPE Pipe, greater than 6 inch dia.	Lb	$2.61
634	Waste Transfer	HDPE Pipe, greater than 6 inch dia., adverse installation conditions	Lb	$3.44
634	Waste Transfer	HU-HDPE Pipe, greater than 6 inch dia., adverse installation conditions	Lb	$4.13
634	Waste Transfer	HDPE Pipe, less than or equal to 6 inch dia, adverse installation conditions	Lb	$5.78
634	Waste Transfer	HU-HDPE Pipe, less than or equal to 6 inch dia, adverse installation conditions	Lb	$6.94
634	Waste Transfer	HDPE Pipe, less than or equal to 6 inch dia.	Lb	$2.56
634	Waste Transfer	HU-HDPE Pipe, less than or equal to 6 inch dia.	Lb	$3.08
634	Waste Transfer	Liquid Waste Transfer Poly Tank	Gal	$1.68
634	Waste Transfer	HU-Liquid Waste Transfer Poly Tank	Gal	$2.02
634	Waste Transfer	Manure Auger	Ft	$484.02
634	Waste Transfer	HU-Manure Auger	Ft	$580.82
634	Waste Transfer	PVC Pipe, greater than 8 inch dia, adverse installation conditions	Lb	$3.41
634	Waste Transfer	HU-PVC Pipe, greater than 8 inch dia, adverse installation conditions	Lb	$4.09
634	Waste Transfer	PVC Pipe, greater than 8 inch dia.	Lb	$1.32
634	Waste Transfer	HU-PVC Pipe, greater than 8 inch dia.	Lb	$1.58
634	Waste Transfer	PVC Pipe, less than or equal to 8 in dia, adverse installation conditions	Lb	$6.57
634	Waste Transfer	HU-PVC Pipe, less than or equal to 8 in dia, adverse installation conditions	Lb	$7.88

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	PVC Pipe, less than or equal to 8 inch dia	Lb	$1.99
634	Waste Transfer	HU-PVC Pipe, less than or equal to 8 inch dia	Lb	$2.39
634	Waste Transfer	Transfer curb, 2 feet tall with footing	Ft	$15.43
634	Waste Transfer	HU-Transfer curb, 2 feet tall with footing	Ft	$25.07
634	Waste Transfer	Transfer curb, 1 foot tall, with footing	Ft	$10.20
634	Waste Transfer	HU-Transfer curb, 1 foot tall, with footing	Ft	$16.58
634	Waste Transfer	Transfer curb, 6 inch tall, with footing	Ft	$9.77
634	Waste Transfer	HU-Transfer curb, 6 inch tall, with footing	Ft	$15.19
634	Waste Transfer	Transfer Slab	SqFt	$4.75
634	Waste Transfer	HU-Transfer Slab	SqFt	$6.73
634	Waste Transfer	Transfer Slab, Remote Location	SqFt	$5.63
634	Waste Transfer	HU-Transfer Slab, Remote Location	SqFt	$7.80
634	Waste Transfer	Wastewater catch basin less than 1000 gal.	Gal	$6.29
634	Waste Transfer	HU-Wastewater catch basin less than 1000 gal.	Gal	$7.55
634	Waste Transfer	Wastewater reception pit larger than 5000 gal.	Gal	$2.11
634	Waste Transfer	HU-Wastewater reception pit larger than 5000 gal.	Gal	$2.53
634	Waste Transfer	Wastewater reception pit or basin 1000 to 5000 gal.	Gal	$2.76
634	Waste Transfer	HU-Wastewater reception pit or basin 1000 to 5000 gal.	Gal	$3.31
635	Vegetated Treatment Area	Mechanical distribution	Ac	$1,667.52
635	Vegetated Treatment Area	HU-Mechanical distribution	Ac	$2,001.03
635	Vegetated Treatment Area	Surface application, Gravity flow	Ac	$5,475.08
635	Vegetated Treatment Area	HU-Surface application, Gravity flow	Ac	$6,570.09
635	Vegetated Treatment Area	VTA using an Existing Vegetative Area	Ac	$7,267.74
635	Vegetated Treatment Area	HU-VTA using an Existing Vegetative Area	Ac	$8,721.28
635	Vegetated Treatment Area	Wastewater is Pumped up to the VTA	Ac	$10,621.47
635	Vegetated Treatment Area	HU-Wastewater is Pumped up to the VTA	Ac	$12,745.77
636	Water Harvesting Catchment	Big Game Guzzler with Trough	No	$6,879.45
636	Water Harvesting Catchment	HU-Big Game Guzzler with Trough	No	$8,255.34
636	Water Harvesting Catchment	Poly Tank, Large, >1000 gal	Gal	$1.09

Code	Practice	Component	Units	Unit Cost
636	Water Harvesting Catchment	HU-Poly Tank, Large, >1000 gal	Gal	$1.30
636	Water Harvesting Catchment	Poly Tank, Small, 1000 gallons or less	Gal	$2.27
636	Water Harvesting Catchment	HU-Poly Tank, Small, 1000 gallons or less	Gal	$2.72
636	Water Harvesting Catchment	Small Game Guzzler with Trough	No	$2,625.03
636	Water Harvesting Catchment	HU-Small Game Guzzler with Trough	No	$3,150.03
636	Water Harvesting Catchment	Steel Tank with Liner, Large, >24K gal	Gal	$0.51
636	Water Harvesting Catchment	HU-Steel Tank with Liner, Large, >24K gal	Gal	$0.61
636	Water Harvesting Catchment	Steel Tank with Liner, Small, 24K gal or less	Gal	$0.83
636	Water Harvesting Catchment	HU-Steel Tank with Liner, Small, 24K gal or less	Gal	$0.99
638	Water and Sediment Control Basin	Embankment	CuYd	$4.03
638	Water and Sediment Control Basin	HU-Embankment	CuYd	$4.83
638	Water and Sediment Control Basin	Embankment, Topsoil Stockpiled	CuYd	$4.27
638	Water and Sediment Control Basin	HU-Embankment, Topsoil Stockpiled	CuYd	$5.13
638	Water and Sediment Control Basin	Excavated basin	CuYd	$9.19
638	Water and Sediment Control Basin	HU-Excavated basin	CuYd	$11.02
642	Water Well	Drilled, <200 feet deep	No	$5,876.02
642	Water Well	HU-Drilled, <200 feet deep	No	$7,051.22
642	Water Well	Drilled, >800 feet deep	No	$36,859.15
642	Water Well	HU-Drilled, >800 feet deep	No	$44,230.99
642	Water Well	Drilled, 200-400 feet deep	No	$11,289.27
642	Water Well	HU-Drilled, 200-400 feet deep	No	$13,547.12
642	Water Well	Drilled, 401-800 feet deep	No	$22,115.77
642	Water Well	HU-Drilled, 401-800 feet deep	No	$26,538.92
642	Water Well	Dug Well	No	$8,598.03
642	Water Well	HU-Dug Well	No	$10,317.64
643	Restoration of Rare or Declining Natural Communities	Beaver Dam Analogues or Post-Assisted Log Structures	Lnft	$32.78
643	Restoration of Rare or Declining Natural Communities	HU-Beaver Dam Analogues or Post-Assisted Log Structures	Lnft	$39.34
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, High Intensity and Complexity	Ac	$83.17
643	Restoration of Rare or Declining Natural Communities	HU-Habitat Monitoring and Management, High Intensity and Complexity	Ac	$99.80

Code	Practice	Component	Units	Unit Cost
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$14.73
643	Restoration of Rare or Declining Natural Communities	HU-Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$17.67
643	Restoration of Rare or Declining Natural Communities	Plug Planting, 0.5 ac. or less	Ac	$15,528.78
643	Restoration of Rare or Declining Natural Communities	HU-Plug Planting, 0.5 ac. or less	Ac	$18,634.54
643	Restoration of Rare or Declining Natural Communities	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$39.71
643	Restoration of Rare or Declining Natural Communities	HU-Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$47.65
643	Restoration of Rare or Declining Natural Communities	Rock Structure	CuYd	$601.26
643	Restoration of Rare or Declining Natural Communities	HU-Rock Structure	CuYd	$721.51
643	Restoration of Rare or Declining Natural Communities	Seeded Cultch Oyster Placement	No	$464.87
643	Restoration of Rare or Declining Natural Communities	HU-Seeded Cultch Oyster Placement	No	$557.84
643	Restoration of Rare or Declining Natural Communities	Seeded Oysters Bags and Shell Substrate Placement	No	$533.42
643	Restoration of Rare or Declining Natural Communities	HU-Seeded Oysters Bags and Shell Substrate Placement	No	$640.10
643	Restoration of Rare or Declining Natural Communities	Shell Substrate	No	$93.80
643	Restoration of Rare or Declining Natural Communities	HU-Shell Substrate	No	$112.56
644	Wetland Wildlife Habitat Management	Flooding for Wildlife, Cropland	Ac	$1,444.29
644	Wetland Wildlife Habitat Management	HU-Flooding for Wildlife, Cropland	Ac	$1,488.29
644	Wetland Wildlife Habitat Management	Flooding for Wildlife, Grassland/pasture/hayland	Ac	$344.25
644	Wetland Wildlife Habitat Management	HU-Flooding for Wildlife, Grassland/pasture/hayland	Ac	$388.25
644	Wetland Wildlife Habitat Management	Forage Management for Waterbirds, Corn	Ac	$11.58
644	Wetland Wildlife Habitat Management	HU-Forage Management for Waterbirds, Corn	Ac	$13.89
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity	Ac	$85.16
644	Wetland Wildlife Habitat Management	HU-Habitat Monitoring and Management, High Intensity and Complexity	Ac	$102.19
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$9.62
644	Wetland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$11.54
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$17.18
644	Wetland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$20.62
644	Wetland Wildlife Habitat Management	Seasonal Flooding	Ac	$86.42
644	Wetland Wildlife Habitat Management	HU-Seasonal Flooding	Ac	$103.70
644	Wetland Wildlife Habitat Management	Water Level Drawdown, Low Intensity	Ac	$15.53

Code	Practice	Component	Units	Unit Cost
644	Wetland Wildlife Habitat Management	HU-Water Level Drawdown, Low Intensity	Ac	$18.63
644	Wetland Wildlife Habitat Management	Water Management, High Intensity	Ac	$55.14
644	Wetland Wildlife Habitat Management	HU-Water Management, High Intensity	Ac	$66.17
645	Upland Wildlife Habitat Management	Establishment of seasonal forage or cover for wildlife on non-cropland.	Ac	$110.31
645	Upland Wildlife Habitat Management	HU-Establishment of seasonal forage or cover for wildlife on non-cropland.	Ac	$132.38
645	Upland Wildlife Habitat Management	Pr_Establishment of seasonal forage or cover for wildlife on non-cropland.	Ac	$132.38
645	Upland Wildlife Habitat Management	Establishment of seasonal wildlife forage or cover on cropland, no FI	Ac	$73.75
645	Upland Wildlife Habitat Management	HU-Establishment of seasonal wildlife forage or cover on cropland, no FI	Ac	$88.49
645	Upland Wildlife Habitat Management	Pr_Establishment of seasonal wildlife forage or cover on cropland, no FI	Ac	$88.49
645	Upland Wildlife Habitat Management	Fence Removal for Wildlife	100 Ft	$2.99
645	Upland Wildlife Habitat Management	HU-Fence Removal for Wildlife	100 Ft	$3.59
645	Upland Wildlife Habitat Management	Pr_Fence Removal for Wildlife	100 Ft	$3.59
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity	Ac	$85.16
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, High Intensity and Complexity	Ac	$102.19
645	Upland Wildlife Habitat Management	Pr_Habitat Monitoring and Management, High Intensity and Complexity	Ac	$102.19
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity With Foregone Income	Ac	$242.63
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, High Intensity and Complexity With Foregone Income	Ac	$259.66
645	Upland Wildlife Habitat Management	Pr_Habitat Monitoring and Management, High Intensity and Complexity With Foregone Income	Ac	$259.66
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$9.62
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$11.54
645	Upland Wildlife Habitat Management	Pr_Habitat Monitoring and Management, Low Intensity and Complexity	Ac	$11.54
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$22.66
645	Upland Wildlife Habitat Management	HU-Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$27.20
645	Upland Wildlife Habitat Management	Pr_Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$27.20
645	Upland Wildlife Habitat Management	Interseeding Milkweed Into Existing Habitat	Ac	$120.65
645	Upland Wildlife Habitat Management	HU-Interseeding Milkweed Into Existing Habitat	Ac	$144.77
645	Upland Wildlife Habitat Management	Pr_Interseeding Milkweed Into Existing Habitat	Ac	$144.77
645	Upland Wildlife Habitat Management	Pollinator Species, Annuals	Ac	$137.67

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	HU-Pollinator Species, Annuals	Ac	$165.20
645	Upland Wildlife Habitat Management	Pr_Pollinator Species, Annuals	Ac	$165.20
646	Shallow Water Development and Management	Flooding for Wildlife, Cropland	Ac	$1,444.29
646	Shallow Water Development and Management	HU-Flooding for Wildlife, Cropland	Ac	$1,488.29
646	Shallow Water Development and Management	Flooding for Wildlife, Grassland/pasture/hayland	Ac	$344.25
646	Shallow Water Development and Management	HU-Flooding for Wildlife, Grassland/pasture/hayland	Ac	$388.25
647	Early Successional Habitat Development-Mgt	Disking, Difficult	Ac	$101.61
647	Early Successional Habitat Development-Mgt	HU-Disking, Difficult	Ac	$121.94
647	Early Successional Habitat Development-Mgt	Disking, Simple	Ac	$33.73
647	Early Successional Habitat Development-Mgt	HU-Disking, Simple	Ac	$40.48
647	Early Successional Habitat Development-Mgt	Mowing, Multiple Treatments	Ac	$103.04
647	Early Successional Habitat Development-Mgt	HU-Mowing, Multiple Treatments	Ac	$123.64
647	Early Successional Habitat Development-Mgt	Mowing, Difficult	Ac	$61.52
647	Early Successional Habitat Development-Mgt	HU-Mowing, Difficult	Ac	$73.82
647	Early Successional Habitat Development-Mgt	Mowing, Simple	Ac	$30.04
647	Early Successional Habitat Development-Mgt	HU-Mowing, Simple	Ac	$36.05
647	Early Successional Habitat Development-Mgt	Root Separation	Ac	$178.23
647	Early Successional Habitat Development-Mgt	HU-Root Separation	Ac	$213.88
647	Early Successional Habitat Development-Mgt	Wet Soil Herp Habitat	Ac	$1,236.83
647	Early Successional Habitat Development-Mgt	HU-Wet Soil Herp Habitat	Ac	$1,484.20
647	Early Successional Habitat Development-Mgt	Wildlife Forage Management	Ac	$228.28
647	Early Successional Habitat Development-Mgt	HU-Wildlife Forage Management	Ac	$273.94
649	Structures for Wildlife	Brush and Rock Piles	No	$184.70
649	Structures for Wildlife	HU-Brush and Rock Piles	No	$268.66
649	Structures for Wildlife	Burrowing Owl Burrow (set of 2)	No	$276.46
649	Structures for Wildlife	HU-Burrowing Owl Burrow (set of 2)	No	$331.75
649	Structures for Wildlife	Downed Large Wood-Upland	No	$246.38
649	Structures for Wildlife	HU-Downed Large Wood-Upland	No	$295.65
649	Structures for Wildlife	Escape Ramp	No	$69.19

Code	Practice	Component	Units	Unit Cost
649	Structures for Wildlife	HU-Escape Ramp	No	$83.02
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	Ft	$0.15
649	Structures for Wildlife	HU-Fence Markers, Vinyl Undersill	Ft	$0.18
649	Structures for Wildlife	Nesting Box, Large	No	$82.51
649	Structures for Wildlife	HU-Nesting Box, Large	No	$99.01
649	Structures for Wildlife	Nesting Box, Large, with steel pole	No	$241.84
649	Structures for Wildlife	HU-Nesting Box, Large, with steel pole	No	$342.61
649	Structures for Wildlife	Nesting Box, Small	No	$44.32
649	Structures for Wildlife	HU-Nesting Box, Small	No	$53.19
649	Structures for Wildlife	Nesting Box, Small, with wood pole	No	$87.72
649	Structures for Wildlife	HU-Nesting Box, Small, with wood pole	No	$105.27
649	Structures for Wildlife	Raptor Perch Pole	No	$252.75
649	Structures for Wildlife	HU-Raptor Perch Pole	No	$379.12
649	Structures for Wildlife	Snag Creation	No	$24.53
649	Structures for Wildlife	HU-Snag Creation	No	$29.43
649	Structures for Wildlife	Snake Hibernaculum	No	$921.76
649	Structures for Wildlife	HU-Snake Hibernaculum	No	$1,106.11
649	Structures for Wildlife	Wetland Basking Structure, Log	No	$936.00
649	Structures for Wildlife	HU-Wetland Basking Structure, Log	No	$1,123.20
650	Windbreak/Shelterbelt Renovation	Removal, > 8 inches DBH with Dozer, Replanting	Ft	$3.75
650	Windbreak/Shelterbelt Renovation	HU-Removal, > 8 inches DBH with Dozer, Replanting	Ft	$4.50
650	Windbreak/Shelterbelt Renovation	Removal, Chain Saw, Replanting	Ft	$2.22
650	Windbreak/Shelterbelt Renovation	HU-Removal, Chain Saw, Replanting	Ft	$2.67
654	Road/Trail/Landing Closure and Treatment	Heavy, <35% hillslope	Ft	$5.91
654	Road/Trail/Landing Closure and Treatment	HU-Heavy, <35% hillslope	Ft	$7.09
654	Road/Trail/Landing Closure and Treatment	Heavy, >35% hillslope	Ft	$9.10
654	Road/Trail/Landing Closure and Treatment	HU-Heavy, >35% hillslope	Ft	$10.92
654	Road/Trail/Landing Closure and Treatment	Light, Reshaping	Ft	$3.13
654	Road/Trail/Landing Closure and Treatment	HU-Light, Reshaping	Ft	$3.76

Code	Practice	Component	Units	Unit Cost
654	Road/Trail/Landing Closure and Treatment	Light, Vegetative	Ft	$2.11
654	Road/Trail/Landing Closure and Treatment	HU-Light, Vegetative	Ft	$2.53
654	Road/Trail/Landing Closure and Treatment	Riparian Zone	Ft	$11.02
654	Road/Trail/Landing Closure and Treatment	HU-Riparian Zone	Ft	$13.22
655	Forest Trails and Landings	Trail and Landing Installation	Ft	$1.93
655	Forest Trails and Landings	HU-Trail and Landing Installation	Ft	$2.31
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation	Ft	$3.04
655	Forest Trails and Landings	HU-Trail Erosion Control w/o Vegetation	Ft	$3.65
657	Wetland Restoration	Complex Restoration	Ac	$3,651.01
657	Wetland Restoration	HU-Complex Restoration	Ac	$4,324.16
657	Wetland Restoration	Deleveling	Ac	$998.95
657	Wetland Restoration	HU-Deleveling	Ac	$1,175.91
657	Wetland Restoration	Levee or Dike Removal	Ac	$1,719.55
657	Wetland Restoration	HU-Levee or Dike Removal	Ac	$2,006.41
657	Wetland Restoration	Riverine Channel and Slough Restoration	Ac	$1,400.42
657	Wetland Restoration	HU-Riverine Channel and Slough Restoration	Ac	$1,623.45
659	Wetland Enhancement	Complex Project	Ac	$3,925.90
659	Wetland Enhancement	HU-Complex Project	Ac	$4,585.04
659	Wetland Enhancement	Moderate Project	Ac	$3,105.06
659	Wetland Enhancement	HU-Moderate Project	Ac	$3,600.04
659	Wetland Enhancement	Simple, Small Project	Ac	$2,359.34
659	Wetland Enhancement	HU-Simple, Small Project	Ac	$2,705.17
660	Tree/Shrub Pruning	Fire Hazard	Ac	$273.81
660	Tree/Shrub Pruning	HU-Fire Hazard	Ac	$328.57
660	Tree/Shrub Pruning	Individual Tree	No	$9.49
660	Tree/Shrub Pruning	HU-Individual Tree	No	$11.39
660	Tree/Shrub Pruning	Stand Improvement, High Height, >10ft	Ac	$382.20
660	Tree/Shrub Pruning	HU-Stand Improvement, High Height, >10ft	Ac	$458.64
660	Tree/Shrub Pruning	Stand Improvement, Low Height, 10ft or less	Ac	$176.82

Code	Practice	Component	Units	Unit Cost
660	Tree/Shrub Pruning	HU-Stand Improvement, Low Height, 10ft or less	Ac	$212.19
660	Tree/Shrub Pruning	Wildlife, Mast Increase	Ac	$221.38
660	Tree/Shrub Pruning	HU-Wildlife, Mast Increase	Ac	$265.65
666	Forest Stand Improvement	Competition Control, Mechanical, Heavy Equipment	Ac	$1,080.58
666	Forest Stand Improvement	HU-Competition Control, Mechanical, Heavy Equipment	Ac	$1,296.69
666	Forest Stand Improvement	Pr_Competition Control, Mechanical, Heavy Equipment	Ac	$1,296.69
666	Forest Stand Improvement	Competition Control, Mechanical, Light Equipment	Ac	$528.66
666	Forest Stand Improvement	HU-Competition Control, Mechanical, Light Equipment	Ac	$634.40
666	Forest Stand Improvement	Pr_Competition Control, Mechanical, Light Equipment	Ac	$634.40
666	Forest Stand Improvement	Creating Patch Openings	Ac	$589.70
666	Forest Stand Improvement	HU-Creating Patch Openings	Ac	$707.64
666	Forest Stand Improvement	Pr_Creating Patch Openings	Ac	$707.64
666	Forest Stand Improvement	Pre-commercial Thinning, Hand tools, Heavy	Ac	$454.05
666	Forest Stand Improvement	HU-Pre-commercial Thinning, Hand tools, Heavy	Ac	$544.86
666	Forest Stand Improvement	Pr_Pre-commercial Thinning, Hand tools, Heavy	Ac	$544.86
666	Forest Stand Improvement	Pre-commercial Thinning, Hand tools, Light	Ac	$284.56
666	Forest Stand Improvement	HU-Pre-commercial Thinning, Hand tools, Light	Ac	$341.47
666	Forest Stand Improvement	Pr_Pre-commercial Thinning, Hand tools, Light	Ac	$341.47
666	Forest Stand Improvement	Timber Stand Improvement, Chemical, Ground	Ac	$105.54
666	Forest Stand Improvement	HU-Timber Stand Improvement, Chemical, Ground	Ac	$126.65
666	Forest Stand Improvement	Pr_Timber Stand Improvement, Chemical, Ground	Ac	$126.65
666	Forest Stand Improvement	Timber Stand Improvement, Single Stem Treatment	Ac	$447.53
666	Forest Stand Improvement	HU-Timber Stand Improvement, Single Stem Treatment	Ac	$537.04
666	Forest Stand Improvement	Pr_Timber Stand Improvement, Single Stem Treatment	Ac	$537.04
666	Forest Stand Improvement	Wildlife and Forest Health, Dense Woodlands	Ac	$1,812.72
666	Forest Stand Improvement	HU-Wildlife and Forest Health, Dense Woodlands	Ac	$2,175.26
666	Forest Stand Improvement	Pr_Wildlife and Forest Health, Dense Woodlands	Ac	$2,175.26
666	Forest Stand Improvement	Wildlife Fire and Forest Health, Large Stem	Ac	$1,176.55
666	Forest Stand Improvement	HU-Wildlife Fire and Forest Health, Large Stem	Ac	$1,411.86

Code	Practice	Component	Units	Unit Cost
666	Forest Stand Improvement	Pr_Wildlife Fire and Forest Health, Large Stem	Ac	$1,411.86
666	Forest Stand Improvement	Wildlife Fire and Forest Health, Small Stem	Ac	$979.20
666	Forest Stand Improvement	HU-Wildlife Fire and Forest Health, Small Stem	Ac	$1,175.04
666	Forest Stand Improvement	Pr_Wildlife Fire and Forest Health, Small Stem	Ac	$1,175.04
670	Energy Efficient Lighting System	Automatic Controller System	No	$395.38
670	Energy Efficient Lighting System	HU-Automatic Controller System	No	$474.46
670	Energy Efficient Lighting System	Lighting - LED	No	$9.90
670	Energy Efficient Lighting System	HU-Lighting - LED	No	$11.88
670	Energy Efficient Lighting System	linear LED fixtures and installation	No	$263.75
670	Energy Efficient Lighting System	HU-linear LED fixtures and installation	No	$316.50
672	Energy Efficient Building Envelope	Building Envelope - Attic Insulation	SqFt	$0.69
672	Energy Efficient Building Envelope	HU-Building Envelope - Attic Insulation	SqFt	$0.83
672	Energy Efficient Building Envelope	Building Envelope - Greenhouse Screens	SqFt	$1.73
672	Energy Efficient Building Envelope	HU-Building Envelope - Greenhouse Screens	SqFt	$2.08
672	Energy Efficient Building Envelope	Building Envelope - Sealant	Ft	$1.53
672	Energy Efficient Building Envelope	HU-Building Envelope - Sealant	Ft	$1.84
672	Energy Efficient Building Envelope	Building Envelope - Wall Insulation	SqFt	$1.72
672	Energy Efficient Building Envelope	HU-Building Envelope - Wall Insulation	SqFt	$2.06
672	Energy Efficient Building Envelope	Greenhouse - Insulate Unglazed Walls	SqFt	$0.25
672	Energy Efficient Building Envelope	HU-Greenhouse - Insulate Unglazed Walls	SqFt	$0.30
672	Energy Efficient Building Envelope	Insulated Door	SqFt	$9.49
672	Energy Efficient Building Envelope	HU-Insulated Door	SqFt	$11.38
735	Waste Gasification Facility	Waste Gasification, less than or equal to 700lbs./hour	Lb/Day	$34.69
735	Waste Gasification Facility	HU-Waste Gasification, less than or equal to 700lbs./hour	Lb/Day	$41.63
735	Waste Gasification Facility	Waste Gasification, more than 700lbs./hour	Lb/Day	$31.28
735	Waste Gasification Facility	HU-Waste Gasification, more than 700lbs./hour	Lb/Day	$37.53
775	Drainage Ditch Covering	Crib Cover Only	Ft	$5.61
775	Drainage Ditch Covering	HU-Crib Cover Only	Ft	$6.74
775	Drainage Ditch Covering	Cribbing One Side and Cover	Ft	$14.74

Code	Practice	Component	Units	Unit Cost
775	Drainage Ditch Covering	HU-Cribbing One Side and Cover	Ft	$17.69
775	Drainage Ditch Covering	Cribbing Two Sides and Cover	Ft	$21.57
775	Drainage Ditch Covering	HU-Cribbing Two Sides and Cover	Ft	$25.89
910	TA Planning	TSP-Technical Services-Conservation Planning	No	$0.00
911	TA Design	TSP-Technical Services-Design Services	No	$0.00
912	TA Application	TSP-Technical Services-Installation Oversight	No	$0.00
913	TA Check-Out	TSP-Technical Services-Checkout Certification	No	$0.00
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	$20.82
E314A	Brush management to improve wildlife habitat	HU-Brush management to improve wildlife habitat	Ac	$20.82
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	$13.88
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	HU-Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	$13.88
E327A	Conservation cover for pollinators and beneficial insects	HU-Conservation cover for pollinators and beneficial insects	Ac	$160.29
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	$160.29
E327B	Establish Monarch butterfly habitat	HU-Establish Monarch butterfly habitat	Ac	$870.76
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	$870.76
E328A	Resource conserving crop rotation	Resource conserving crop rotation	Ac	$16.82
E328A	Resource conserving crop rotation	HU-Resource conserving crop rotation	Ac	$16.82
E328B	Improved resource conserving crop rotation	HU-Improved resource conserving crop rotation	Ac	$6.01
E328B	Improved resource conserving crop rotation	Improved resource conserving crop rotation	Ac	$6.01
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	$3.60
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	HU-Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	$3.60
E328D	Leave standing grain crops unharvested to benefit wildlife	HU-Leave standing grain crops unharvested to benefit wildlife	Ac	$4.18
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	$4.18
E328E	Soil health crop rotation	Soil health crop rotation	Ac	$6.01
E328E	Soil health crop rotation	HU-Soil health crop rotation	Ac	$6.01
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	$2.36

Code	Practice	Component	Units	Unit Cost
E328F	Modifications to improve soil health and increase soil organic matter	HU-Modifications to improve soil health and increase soil organic matter	Ac	$2.36
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	HU-Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	$6.01
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	$6.01
E328H	Conservation crop rotation to reduce the concentration of salts	Conservation crop rotation to reduce the concentration of salts	Ac	$4.81
E328H	Conservation crop rotation to reduce the concentration of salts	HU-Conservation crop rotation to reduce the concentration of salts	Ac	$4.81
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	$5.39
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	HU-Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	$5.39
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	$96.11
E328J	Improved crop rotation to provide benefits to pollinators	HU-Improved crop rotation to provide benefits to pollinators	Ac	$96.11
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	$6.01
E328K	Multiple crop types to benefit wildlife	HU-Multiple crop types to benefit wildlife	Ac	$6.01
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	$12.01
E328L	Leaving tall crop residue for wildlife	HU-Leaving tall crop residue for wildlife	Ac	$12.01
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	$12.01
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	HU-Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	$12.01
E329A	No till to reduce soil erosion	HU-No till to reduce soil erosion	Ac	$3.60
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	$3.60
E329B	No till to reduce tillage induced particulate matter	HU-No till to reduce tillage induced particulate matter	Ac	$3.60
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	$3.60
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	$3.60
E329C	No till to increase plant-available moisture	HU-No till to increase plant-available moisture	Ac	$3.60
E329D	No till system to increase soil health and soil organic matter content	HU-No till system to increase soil health and soil organic matter content	Ac	$4.81

Code	Practice	Component	Units	Unit Cost
E329D	No till system to increase soil health and soil organic matter content	No till system to increase soil health and soil organic matter content	Ac	$4.81
E329E	No till to reduce energy	HU-No till to reduce energy	Ac	$4.81
E329E	No till to reduce energy	No till to reduce energy	Ac	$4.81
E334A	Controlled traffic farming to reduce compaction	HU-Controlled traffic farming to reduce compaction	Ac	$8.93
E334A	Controlled traffic farming to reduce compaction	Controlled traffic farming to reduce compaction	Ac	$8.93
E340A	Cover crop to reduce soil erosion	HU-Cover crop to reduce soil erosion	Ac	$6.96
E340A	Cover crop to reduce soil erosion	Cover crop to reduce soil erosion	Ac	$6.96
E340B	Intensive cover cropping to increase soil health and soil organic matter content	Intensive cover cropping to increase soil health and soil organic matter content	Ac	$11.99
E340B	Intensive cover cropping to increase soil health and soil organic matter content	HU-Intensive cover cropping to increase soil health and soil organic matter content	Ac	$11.99
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	$10.48
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	HU-Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	$10.48
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	$10.48
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	HU-Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	$10.48
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	HU-Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	$3.28
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	$3.28
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	$10.03
E340F	Cover crop to minimize soil compaction	HU-Cover crop to minimize soil compaction	Ac	$10.03
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	HU-Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	$10.03
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	$10.03
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	$10.48

Code	Practice	Component	Units	Unit Cost
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	HU-Cover crop to suppress excessive weed pressures and break pest cycles	Ac	$10.48
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	$11.81
E340I	Using cover crops for biological strip till	HU-Using cover crops for biological strip till	Ac	$11.81
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	$4.81
E345A	Reduced tillage to reduce soil erosion	HU-Reduced tillage to reduce soil erosion	Ac	$4.81
E345B	Reduced tillage to reduce tillage induced particulate matter	HU-Reduced tillage to reduce tillage induced particulate matter	Ac	$3.60
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	$3.60
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	$3.60
E345C	Reduced tillage to increase plant-available moisture	HU-Reduced tillage to increase plant-available moisture	Ac	$3.60
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	$4.81
E345D	Reduced tillage to increase soil health and soil organic matter content	HU-Reduced tillage to increase soil health and soil organic matter content	Ac	$4.81
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	$3.60
E345E	Reduced tillage to reduce energy use	HU-Reduced tillage to reduce energy use	Ac	$3.60
E374A	Install variable frequency drive(s) on pump(s)	Install variable frequency drive(s) on pump(s)	BHP	$103.95
E374A	Install variable frequency drive(s) on pump(s)	HU-Install variable frequency drive(s) on pump(s)	BHP	$103.95
E374B	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$2,934.06
E374B	Switch fuel source for pump motor(s)	HU-Switch fuel source for pump motor(s)	HP	$2,934.06
E376A	Modify field operations to reduce particulate matter	Modify field operations to reduce particulate matter	Ac	$3.60
E376A	Modify field operations to reduce particulate matter	HU-Modify field operations to reduce particulate matter	Ac	$3.60
E381A	Silvopasture to improve wildlife habitat	Silvopasture to improve wildlife habitat	Ac	$66.08
E381A	Silvopasture to improve wildlife habitat	HU-Silvopasture to improve wildlife habitat	Ac	$66.08
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	$0.16
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	HU-Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	$0.16
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	HU-Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	$0.55

Code	Practice	Component	Units	Unit Cost
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	$0.55
E383A	Grazing-maintained fuel break to reduce the risk of fire	Grazing-maintained fuel break to reduce the risk of fire	Ac	$244.00
E383A	Grazing-maintained fuel break to reduce the risk of fire	HU-Grazing-maintained fuel break to reduce the risk of fire	Ac	$244.00
E384A	Biochar production from woody residue	Biochar production from woody residue	Ac	$6,669.62
E384A	Biochar production from woody residue	HU-Biochar production from woody residue	Ac	$6,669.62
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	$584.75
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	HU-Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	$584.75
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	$664.28
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	HU-Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	$664.28
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	$597.93
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	HU-Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	$597.93
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	$664.28
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	HU-Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	$664.28
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	$664.28
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	HU-Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	$664.28
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction	Increase riparian herbaceous cover width for sediment and nutrient reduction	Ac	$475.96
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction	HU-Increase riparian herbaceous cover width for sediment and nutrient reduction	Ac	$475.96
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat	Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	$343.82

Code	Practice	Component	Units	Unit Cost
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat	HU-Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	$343.82
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	$2,062.31
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	HU-Increase riparian forest buffer width for sediment and nutrient reduction	Ac	$2,062.31
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	$2,091.55
E391B	Increase stream shading for stream temperature reduction	HU-Increase stream shading for stream temperature reduction	Ac	$2,091.55
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	$2,091.55
E391C	Increase riparian forest buffer width to enhance wildlife habitat	HU-Increase riparian forest buffer width to enhance wildlife habitat	Ac	$2,091.55
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	$904.56
E393A	Extend existing filter strip to reduce water quality impacts	HU-Extend existing filter strip to reduce water quality impacts	Ac	$904.56
E395A	Stream habitat improvement through placement of woody biomass	Stream habitat improvement through placement of woody biomass	Ac	$18,712.88
E395A	Stream habitat improvement through placement of woody biomass	HU-Stream habitat improvement through placement of woody biomass	Ac	$18,712.88
E399A	Fishpond management for native aquatic and terrestrial species	Fishpond management for native aquatic and terrestrial species	Ac	$1,366.59
E399A	Fishpond management for native aquatic and terrestrial species	HU-Fishpond management for native aquatic and terrestrial species	Ac	$1,366.59
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	$4,370.66
E412A	Enhance a grassed waterway	HU-Waterway, reshape/extend/widen	Ac	$4,370.66
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	$517.26
E420A	Establish pollinator habitat	HU-Establish Pollinator Habitat	Ac	$517.26
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	$870.76
E420B	Establish monarch butterfly habitat	HU-Establish Monarch Habitat	Ac	$870.76
E447A	Advanced Tailwater Recovery	Advanced Tailwater Recovery	Ac	$8.82
E447A	Advanced Tailwater Recovery	HU-Advanced Tailwater Recovery	Ac	$8.82
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	Ac	$6.67
E449A	Complete pumping plant evaluation for water savings	HU-Complete pumping plant evaluation for water savings	Ac	$6.67

Code	Practice	Component	Units	Unit Cost
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM ??? Year 2-5, soil moisture monitoring	Ac	$23.40
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	HU-Advanced Automated IWM ??? Year 2-5, soil moisture monitoring	Ac	$23.40
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Advanced Automated IWM ??? Year 1, Equipment and soil moisture or water level monitoring	Ac	$53.60
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	HU-Advanced Automated IWM ??? Year 1, Equipment and soil moisture or water level monitoring	Ac	$53.60
E449F	Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	Intermediate IWM??? Year 1, Equipment with Soil moisture or Water Level monitoring	Ac	$42.25
E449F	Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	HU-Intermediate IWM??? Year 1, Equipment with Soil moisture or Water Level monitoring	Ac	$42.25
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	Intermediate IWM??? Years 2-5, Soil Moisture or Water Level monitoring	Ac	$10.15
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	HU-Intermediate IWM??? Years 2-5, Soil Moisture or Water Level monitoring	Ac	$10.15
E449H	Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	Intermediate IWM - Years 2 - 5, using soil moisture or water level monitoring	Ac	$47.93
E449H	Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	HU-Intermediate IWM - Years 2 - 5, using soil moisture or water level monitoring	Ac	$47.93
E449I	Sprinkler Irrigation Equipment Retrofit	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	$1,479.11
E449I	Sprinkler Irrigation Equipment Retrofit	HU-IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	$1,479.11
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	$2.51
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	HU-Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	$2.51
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	$2.40
E484A	Mulching to improve soil health	HU-Mulching to improve soil health	Ac	$2.40
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	$17.86
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	HU-Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	$17.86
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	$40.48

Code	Practice	Component	Units	Unit Cost
E484C	Mulching with natural materials in specialty crops for weed control	HU-Mulching with natural materials in specialty crops for weed control	Ac	$40.48
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	$3.96
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	HU-Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	$3.96
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	$4.01
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	HU-Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	$4.01
E511C	Forage testing for improved harvesting methods and hay quality	Hay quality record keepoing for livestock producers	No	$140.88
E511C	Forage testing for improved harvesting methods and hay quality	HU-Hay quality record keepoing for livestock producers	No	$140.88
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	HU-Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	$7.11
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	$7.11
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	$23.22
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	HU-Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	$23.22
E512C	Cropland conversion to grass for soil organic matter improvement	HU-Cropland conversion to grass for soil organic matter improvement	Ac	$11.54
E512C	Cropland conversion to grass for soil organic matter improvement	Cropland conversion to grass for soil organic matter improvement	Ac	$11.54
E512D	Forage plantings that help increase organic matter in depleted soils	Forage plantings that help increase organic matter in depleted soils	Ac	$10.64
E512D	Forage plantings that help increase organic matter in depleted soils	HU-Forage plantings that help increase organic matter in depleted soils	Ac	$10.64
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	$58.07
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	HU-Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	$58.07

Code	Practice	Component	Units	Unit Cost
E512F	Establishing native grass or legumes in forage base to improve the plant community	HU-Establishing native grass or legumes in forage base to improve the plant community	Ac	$19.30
E512F	Establishing native grass or legumes in forage base to improve the plant community	Establishing native grass or legumes in forage base to improve the plant community	Ac	$19.30
E512G	Native grasses or legumes in forage base	HU-Native grasses or legumes in forage base	Ac	$28.79
E512G	Native grasses or legumes in forage base	Native grasses or legumes in forage base	Ac	$28.79
E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition	HU-Forage plantings that enhance bird habitat cover and shelter or structure and composition	Ac	$26.74
E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition	Forage plantings that enhance bird habitat cover and shelter or structure and composition	Ac	$26.74
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	HU-Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	$28.25
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	$28.25
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	$15.62
E512J	Establish wildlife corridors to provide habitat continuity or access to water	HU-Establish wildlife corridors to provide habitat continuity or access to water	Ac	$15.62
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	$3.95
E528A	Maintaining quantity and quality of forage for animal health and productivity	HU-Maintaining quantity and quality of forage for animal health and productivity	Ac	$3.95
E528B	Grazing management that improves monarch butterfly habitat	HU-Grazing management that improves monarch butterfly habitat	Ac	$9.75
E528B	Grazing management that improves monarch butterfly habitat	Grazing management that improves monarch butterfly habitat	Ac	$9.75
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	$16.62
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	HU-Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	$16.62
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	$0.59
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	HU-Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	$0.59

Code	Practice	Component	Units	Unit Cost
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	$2.60
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	HU-Improved grazing management for enhanced plant structure and composition for wildlife	Ac	$2.60
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	$24.89
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	HU-Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	$24.89
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	$9.16
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	HU-Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	$9.16
E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Ac	$1.72
E528H	Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	HU-Prescribed grazing to improve/maintain riparian and watershed function-elevated water temperature	Ac	$1.72
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	HU-Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	$1.87
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	$1.87
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	$15.91
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	HU-Prescribed grazing on pastureland that improves riparian and watershed function	Ac	$15.91
E528K	Improved grazing management for soil compaction on pasture through monitoring activities	HU-Improved grazing management for soil compaction on pasture through monitoring activities	Ac	$8.35
E528K	Improved grazing management for soil compaction on pasture through monitoring activities	Improved grazing management for soil compaction on pasture through monitoring activities	Ac	$8.35
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	HU-Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	$10.42
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	$10.42
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	$1.72

Code	Practice	Component	Units	Unit Cost
E528M	Grazing management that protects sensitive areas from gully erosion	HU-Grazing management that protects sensitive areas from gully erosion	Ac	$1.72
E528N	Improved grazing management through monitoring activities	Improved grazing management through monitoring activities	Ac	$2.20
E528N	Improved grazing management through monitoring activities	HU-Improved grazing management through monitoring activities	Ac	$2.20
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	HU-Clipping mature forages to set back vegetative growth for improved forage quality	Ac	$35.74
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	Clipping mature forages to set back vegetative growth for improved forage quality	Ac	$35.74
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	$142.59
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	HU-Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	$142.59
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	HU-Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Ac	$1.78
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Ac	$1.78
E528R	Management Intensive Rotational Grazing	HU-Management Intensive Rotational Grazing	Ac	$36.94
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	$36.94
E533A	Advanced Pumping Plant Automation	HU-Advanced Pumping Plant Automation	No	$5,343.00
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	$5,343.00
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	Ac	$6.67
E533B	Complete pumping plant evaluation for energy savings	HU-Complete pumping plant evaluation for energy savings	Ac	$6.67
E550A	Range planting for increasing/maintaining organic matter	Range planting for increasing/maintaining organic matter	Ac	$41.85
E550A	Range planting for increasing/maintaining organic matter	HU-Range planting for increasing/maintaining organic matter	Ac	$41.85
E550B	Range planting for improving forage, browse, or cover for wildlife	Range planting for improving forage, browse, or cover for wildlife	Ac	$20.50
E550B	Range planting for improving forage, browse, or cover for wildlife	HU-Range planting for improving forage, browse, or cover for wildlife	Ac	$20.50
E570A	Enhanced rain garden for wildlife	HU-Enhanced rain garden for wildlife	SqFt	$0.20
E570A	Enhanced rain garden for wildlife	Enhanced rain garden for wildlife	SqFt	$0.20
E578A	Stream crossing elimination	HU-Stream crossing elimination	No	$7,614.84
E578A	Stream crossing elimination	Stream crossing elimination	No	$7,614.84

Code	Practice	Component	Units	Unit Cost
E580A	Stream corridor bank stability improvement	Stream corridor bank stability improvement	Ac	$2,202.74
E580A	Stream corridor bank stability improvement	HU-Stream corridor bank stability improvement	Ac	$2,202.74
E580B	Stream corridor bank vegetation improvement	Stream corridor bank vegetation improvement	Ac	$2,202.74
E580B	Stream corridor bank vegetation improvement	HU-Stream corridor bank vegetation improvement	Ac	$2,202.74
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	$27.01
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	HU-Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	$27.01
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	$14.63
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	HU-Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	$14.63
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	$17.62
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	HU-Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	$17.62
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	$11.09
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	HU-Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	$11.09
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	HU-Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	$8.04
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	$8.04
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	HU-Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	$17.10
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	$17.10
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	HU-Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	$6.69
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	$6.69

Code	Practice	Component	Units	Unit Cost
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	HU-Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	$324.19
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	$324.19
E612B	Planting for high carbon sequestration rate	Planting for high carbon sequestration rate	Ac	$1,224.79
E612B	Planting for high carbon sequestration rate	HU-Planting for high carbon sequestration rate	Ac	$1,224.79
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	$962.25
E612C	Establishing tree/shrub species to restore native plant communities	HU-Establishing tree/shrub species to restore native plant communities	Ac	$962.25
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	$209.67
E612D	Adding food-producing trees and shrubs to existing plantings	HU-Adding food-producing trees and shrubs to existing plantings	Ac	$209.67
E612E	Cultural plantings	Cultural plantings	Ac	$1,931.27
E612E	Cultural plantings	HU-Cultural plantings	Ac	$1,931.27
E612F	Sugarbush management	Sugarbush management	Ac	$860.63
E612F	Sugarbush management	HU-Sugarbush management	Ac	$860.63
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	$1,951.80
E612G	Tree/shrub planting for wildlife food	HU-Tree/shrub planting for wildlife food	Ac	$1,951.80
E643A	Restoration of sensitive coastal vegetative communities	HU-Restoration of sensitive coastal vegetative communities	No	$133.70
E643A	Restoration of sensitive coastal vegetative communities	Restoration of sensitive coastal vegetative communities	No	$133.70
E643B	Restoration and management of rare or declining habitat	HU-Restoration and management of rare or declining habitat	Ft	$8.31
E643B	Restoration and management of rare or declining habitat	Restoration and management of rare or declining habitat	Ft	$8.31
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern	Restore glade habitat to benefit threatened and endangered species and state species of concern	Ac	$1,410.15
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern	HU-Restore glade habitat to benefit threatened and endangered species and state species of concern	Ac	$1,410.15
E644A	Managing Flood-Irrigated Landscapes for Wildlife	HU-Managing Flood-Irrigated Landscapes for Wildlife	Ac	$29.09
E644A	Managing Flood-Irrigated Landscapes for Wildlife	Managing Flood-Irrigated Landscapes for Wildlife	Ac	$29.09
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	HU-Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	$55.58

Code	Practice	Component	Units	Unit Cost
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	$55.58
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	HU-Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	$335.73
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	$335.73
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	$937.82
E645C	Edge feathering for wildlife cover	HU-Edge feathering for wildlife cover	Ac	$937.82
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	HU-Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Ac	$31.53
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Ac	$31.53
E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	HU-Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Ac	$37.21
E646B	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Extend retention of captured rainfall for migratory waterfowl and wading bird late winter habitat	Ac	$37.21
E646C	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	HU-Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Ac	$55.58
E646C	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Ac	$55.58
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	HU-Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Ac	$62.24
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Ac	$62.24
E647A	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	Ac	$22.21
E647A	Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	HU-Manipulate vegetation on fields with captured rainfall for waterfowl & wading bird winter habitat	Ac	$22.21
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	$11.25
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	HU-Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	$11.25

Code	Practice	Component	Units	Unit Cost
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	$11.25
E647D	Establish and maintain early successional habitat in ditches and bank borders	HU-Establish and maintain early successional habitat in ditches and bank borders	Ac	$11.25
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	$46.39
E666A	Maintaining and improving forest soil quality	HU-Maintaining and improving forest soil quality	Ac	$46.39
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	$266.65
E666D	Forest management to enhance understory vegetation	HU-Forest management to enhance understory vegetation	Ac	$266.65
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	$266.65
E666E	Reduce height of the forest understory to limit wildfire risk	HU-Reduce height of the forest understory to limit wildfire risk	Ac	$266.65
E666F	Reduce forest stand density to create open stand structure	HU-Reduce forest stand density to create open stand structure	Ac	$304.19
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	$304.19
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	HU-Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	$317.29
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	$317.29
E666H	Increase on-site carbon storage	HU-Increase on-site carbon storage	Ac	$15.62
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	$15.62
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	$400.96
E666I	Crop tree management for mast production	HU-Crop tree management for mast production	Ac	$400.96
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	$577.09
E666J	Facilitating oak forest regeneration	HU-Facilitating oak forest regeneration	Ac	$577.09
E666K	Creating structural diversity with patch openings	HU-Creating structural diversity with patch openings	Ac	$625.30
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	$625.30
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	HU-Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	$549.96
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	$549.96
E666M	Maintaining structural diversity in dry Western forests	Maintaining structural diversity in dry Western forests	Ac	$290.70
E666M	Maintaining structural diversity in dry Western forests	HU-Maintaining structural diversity in dry Western forests	Ac	$290.70
E666N	Creating structural diversity in dry Western forests	Creating structural diversity in dry Western forests	Ac	$1,190.77

Code	Practice	Component	Units	Unit Cost
E666N	Creating structural diversity in dry Western forests	HU-Creating structural diversity in dry Western forests	Ac	$1,190.77
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	HU-Snags, den trees, and coarse woody debris for wildlife habitat	Ac	$60.88
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	$60.88
E666P	Summer roosting habitat for native forest-dwelling bat species	HU-Summer roosting habitat for native forest-dwelling bat species	Ac	$226.25
E666P	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for native forest-dwelling bat species	Ac	$226.25
E666Q	Increase diversity in pine plantation monocultures	HU-Increase diversity in pine plantation monocultures	Ac	$625.30
E666Q	Increase diversity in pine plantation monocultures	Increase diversity in pine plantation monocultures	Ac	$625.30
E666R	Forest songbird habitat maintenance	Forest songbird habitat maintenance	Ac	$221.37
E666R	Forest songbird habitat maintenance	HU-Forest songbird habitat maintenance	Ac	$221.37